

Put to Production - 7-2-75

FILE NOTATIONS

Entered in NED File✓....
Location Map Plotted✓....
Card Indexed✓....

Checked By Chief *P.W.B.*
Approval Letter *11-15-74*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *7-2-75*

Location Inspected

W.✓... WW..... TA.....

Bond released

OW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)✓....

..... L..... Drill Log..... GR-N..... Micro.....

W.C. Sonic CR..... Log..... IS-L..... Sonic.....

CRLog..... CCRLog..... Others.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Ellsworth

9. Well No.

1-2084

10. Field and Pool, or Wildcat

Altamont11. Sec., T., R., M., or Blk.
and Survey or Area**SW/4 NE/4 Section 20-
T2S-R4W, USB&M**

12. County or Parrish 13. State

Duchesne**Utah****APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☒Multiple
Zone ☐

2. Name of Operator

Shell Oil Company

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

1744' FNL and 1342' FNL, Section 20

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

5-2/3 miles SW of Altamont15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)**1342' from nearest
lease line**

16. No. of acres in lease

64017. No. of acres assigned
to this well**640**18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.**None, no wells
on lease**

19. Proposed depth

12,300

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6408' GL (ungraded)

22. Approx. date work will start*

December 15, 1974

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	54.5#	300'	250 sx
12-1/4"	9-5/8"	36#	6,000'	600 sx
8-3/4"	7"	26#	11,000'	250 sx
6-1/8"	5" liner	18#	TD	275 sx

Attached are a Certified Survey Plat and Summary of Mud System Monitoring Equipment,
BOPE and Drilling Fluids.

VERBAL APPROVAL GIVEN TO R. D. GRAHAM BY SCHEREE WILCOX.

2 cc: USGS - Salt Lake City (for information) w/Attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed.....

T.S. Mize

Title.....

Division Operations Engr.

Date.....

11/12/74

(This space for Federal or State office use)

Permit No.....

Approval Date

Approved by.....

Title.....

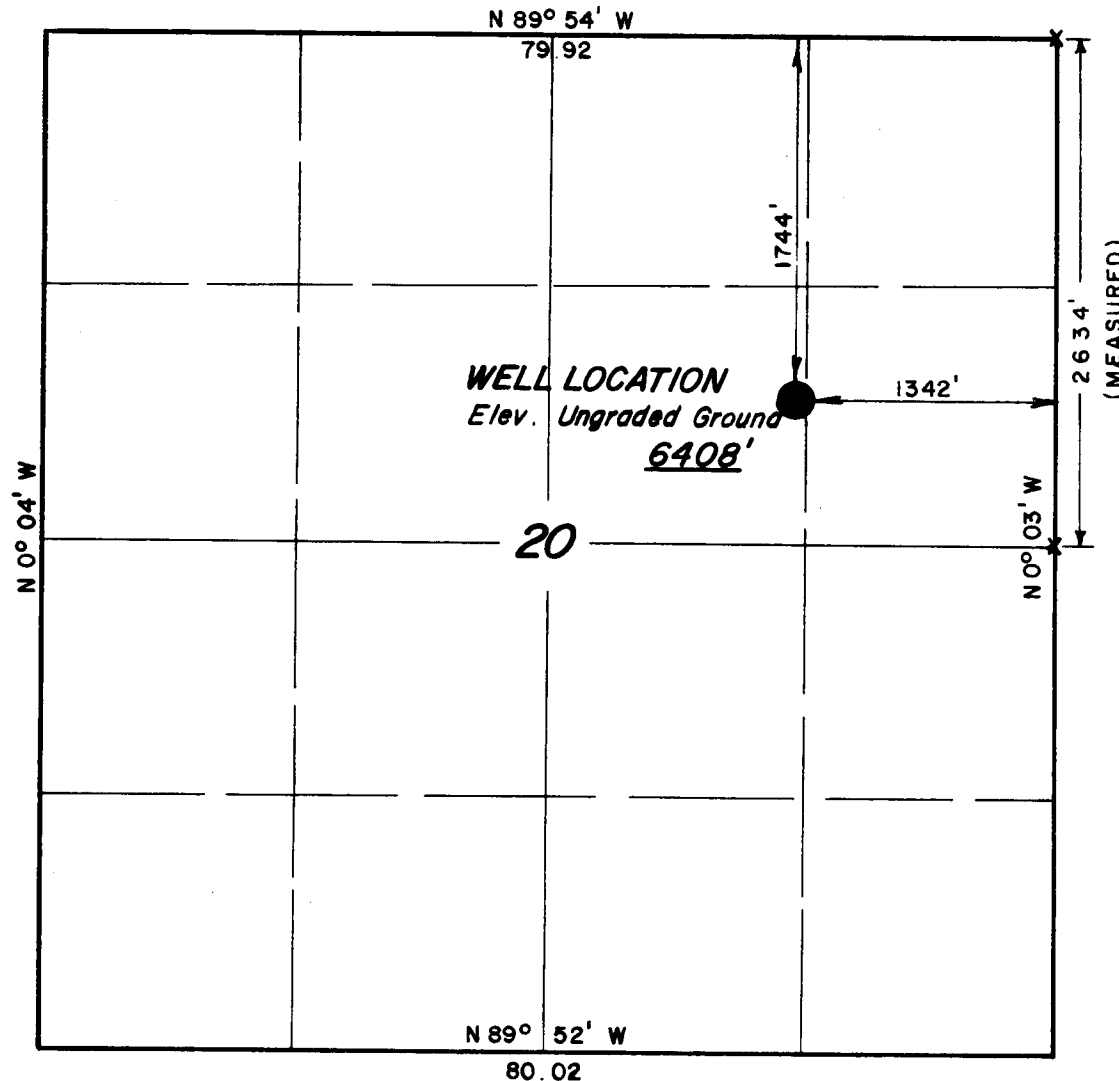
Date.....

Conditions of approval, if any:

T2S, R4W, U.S.B.&M.

PROJECT
SHELL OIL COMPANY

Well Location, located as shown
in the SW 1/4 NE 1/4, Section
20, T2S, R4W, U.S.B.&M.
Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

James E. Swenson

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

X = Section Corners Located

SCALE 1" = 1000'	DATE 9/5/74
PARTY M.S. E.G.	REFERENCES GLO PLAT
WEATHER WARM	FILE SHELL OIL CO.

MUD SYSTEM MONITORING EQUIPMENT

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP EQUIPMENT

300' - TD -- 3-ram type BOP's and 1 bag type
5000 psi working pressure

Tested when installed. Operative every trip and tested to 5000 psi every 14 days. All information recorded on tour sheets and daily drilling wire.

MUD

Surface - 10,000' -- Clear water
Circulate reserve pit
Flocculate as necessary

10,000' - TD ----- Weighted gel chemical

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Ellsworth

9. Well No.

1-20B4

10. Field and Pool, or Wildcat

Altamont

11. Sec., T., R., M., or Blk.
and Survey or AreaSW/4 NE/4 Section 20-
T2S-R4W, USB&M

12. County or Parrish 13. State

Duchesne Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☒Multiple
Zone ☐

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At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

5-2/3 miles SW of Altamont

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)1342' from nearest
lease line

16. No. of acres in lease

640

17. No. of acres assigned
to this well

640

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.none, no wells
on lease

19. Proposed depth

12,300

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6408' GL (ungraded)

22. Approx. date work will start*

December 15, 1974

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24.

Signed

T.S. Mize

Title Division Operations Engr.

Date 11/12/74

(This space for Federal or State office use)

Permit No.

43-013-30351

Approval Date

Approved by

Title

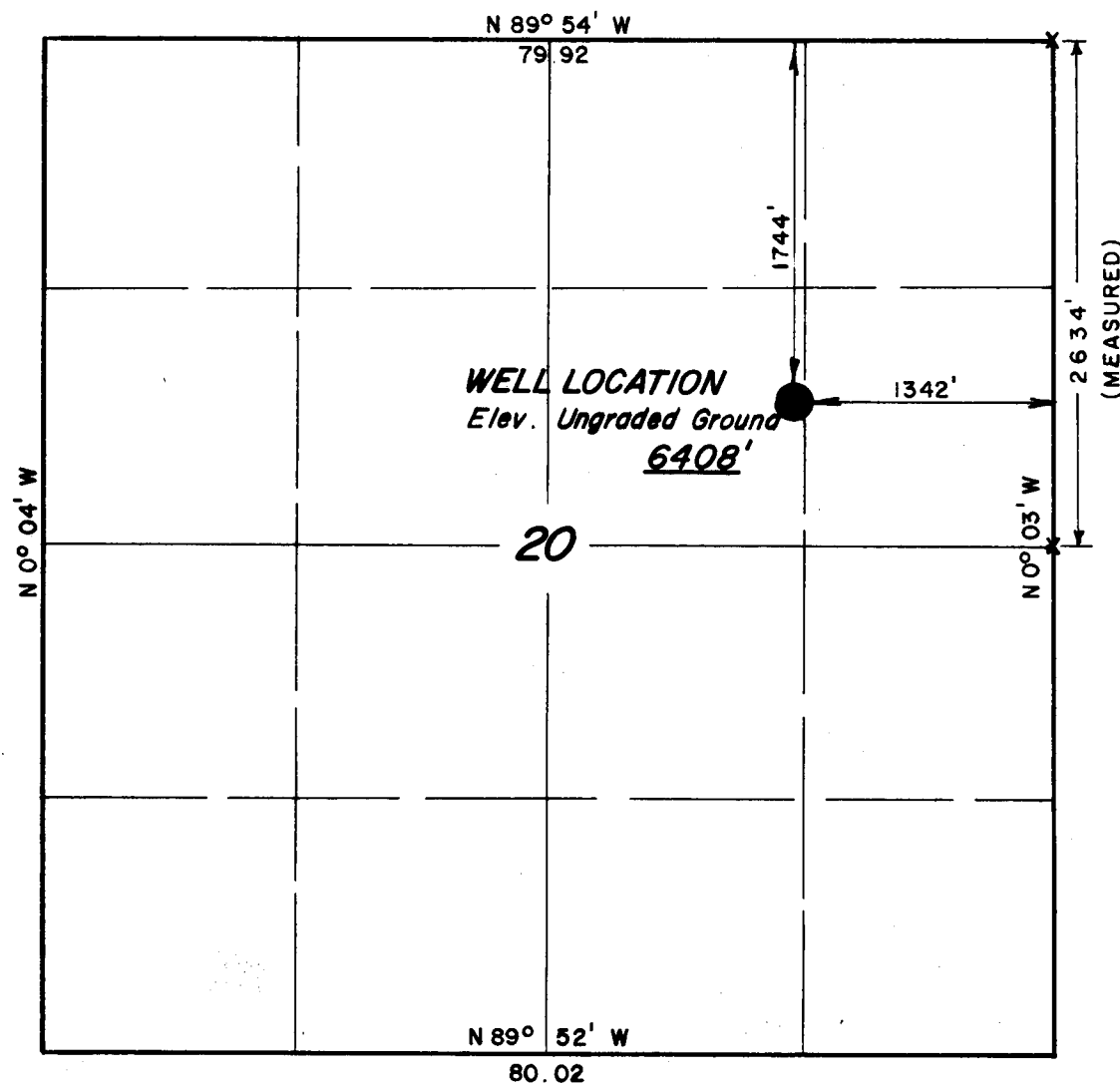
Date

Conditions of approval, if any:

T2S, R4W, U.S.B. & M.

PROJECT
SHELL OIL COMPANY

Well Location, located as shown
in the SW 1/4 NE 1/4, Section
20, T2S, R4W, U.S.B. & M.
Duchesne County, Utah.



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FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
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BEST OF MY KNOWLEDGE AND BELIEF.

James E. Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

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MUD

Surface - 10,000' -- Clear water
Circulate reserve pit
Flocculate as necessary

10,000' - TD ----- Weighted gel chemical

November 15, 1974

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Ellsworth #1-20B4
Sec. 20, T. 2 S, R. 4 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30351.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

cc: file

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>	7. UNIT AGREEMENT NAME		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>	8. FARM OR LEASE NAME
2. NAME OF OPERATOR		Shell Oil Company					9. WELL NO.	
3. ADDRESS OF OPERATOR		1700 Broadway, Denver, Colorado 80202					1-20B4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 1744' FNL and 1342' FEL Section 20					10. FIELD AND POOL, OR WILDCAT	
At top prod. interval reported below							Altamont	
At total depth							11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
							SW/4 NE/4 Section 20-T2S-R4W USB&M	
							12. COUNTY OR PARISH	
							Duchesne	
							13. STATE	
							Utah	
14. PERMIT NO.		DATE ISSUED						
43-013-30351		11/15/74						
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
1/5/75	2/23/75	7/2/75	6436 KB					
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS			
12,762	12,563	-	→	0-TD				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*					25. WAS DIRECTIONAL SURVEY MADE			
12,666 - 11,750					-			
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED			
DIL, CNL/FDC/Cal, BHCS w/GR					-			
28. CASING RECORD (Report all strings set in well)								
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED		
*								
29. LINER RECORD								
SIZE	TGP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)				
*								
30. TUBING RECORD								
SIZE	DEPTH SET (MD)	PACKER SET (MD)						
*								
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
*			DEPTH INTERVAL (MD)					
			AMOUNT AND KIND OF MATERIAL USED					
33.* PRODUCTION								
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)			
7/2/75		Flowing			Producing			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.		
11/17/75	24	35-58/64"	→	545	776	326		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
300 psi	-	→	-	-	-	44.0 deg		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY		
To be sold.								

Well History and Casing & Cementing Details

38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE Div. Opers. Engr.

DATE 11/19/75

*See Attachments *(See Instructions and Spaces for Additional Data on Reverse Side)

cc: USGS w/attachments

4
February 27, 1975

MEMO FOR FILING

Re: Shell Oil Company
Ellsworth 1-20B4
Sec. 20, T. 2 S, R. 4 W
USM, Duchesne County, Utah

On February 21, 1975, a visit was made to the above referred to well site.

Safety Inspection was made of the Parker Brothers rig #117. Rig was in excellent condition.

At the time of the visit, they were drilling at 12,564'.

CLEON B. FEIGHT
DIRECTOR

CBF:th

cc: U.S. Geological Survey

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-20B4
Job: 13-3/8 " O.D. Casing/Liner. Ran to 310 feet (KB) on 1/5, 1975

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28	KB	CHF
						CHF	
7	68#		ST&C	New	316	28 to 310	

Casing Hardware:

Float shoe and collar type _____
Centralizer type and product number _____
Centralizers installed on the following joints _____
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

~~Culper type~~ 215 ~~Calculated~~ 215 ft³ + excess over caliper
ft³ + float collar to shoe volume 5.6 ft³ + liner lap _____ ft³
+ cement above liner _____ ft³ = 430 ft³ (Total Volume).

Cement:

Preflush—Water 20 bbls, other _____ Volume 76 bbls Slurry
First stage, type and additives _____ . Weight _____ lbs/gal, yield 1.14
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate _____
Percent returns during job _____
Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
with _____ lbs on slips.

Remarks:

Cmt'd w/430 cu ft Class "G" containing 3% CaCl₂. Plug down @ 12:50 a.m. 1/6/75. Cmt
circ'd.

Drilling Foreman Ken Payne
Date 1/6/75

CASING AND CEMENTING

Field	Altamont			Well	Ellsworth 1-20B4		
Job:	9-5/8 " O.D. Casing/Liner.			Ran to	6416 feet (KB) on 1/18, 1975		
Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28	KB	CHF
						CHF	
145	36#	K-55	ST&C	New	6425	28 to	6416

Casing Hardware:

Float shoe and collar type Howco Cmt GS & Insert Float
 Centralizer type and product number 3 Howco Cents, valve, #1, #3 & #6
 Centralizers installed on the following joints _____
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ . Caliper volume _____ ft^3 + excess over caliper
 _____ ft^3 + float collar to shoe volume _____ ft^3 + liner lap _____ ft^3
 + cement above liner _____ ft^3 = _____ ft^3 (Total Volume).

Cement:

Preflush—Water _____ bbls, other _____ Volume _____ bbls

First stage, type and additives _____

_____ . Weight _____ lbs/gal, yield _____

ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Second stage, type and additives _____

_____ . Weight _____ lbs/gal, yield _____

ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate _____
Percent returns during job _____
Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
with _____ lbs on slips.

Remarks:

Cmt'd csg w/205 sx BJ Lite & tailed in w/220 sx Class "G" cmt. Plug down @ 11:00 a.m.
1/18/75. Good returns thruout cmt'g procedures. Insert Float @ 6269'.

Drilling Foreman K. L. Payne
Date 1/19/75

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-20B4
Job: 7 " O.D. Casing/Liner. Ran to 10,899 feet (KB) on 2-6, 1975

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28.00	KB	CHF 28.00
261	26#	S-95	LT&C	N	10,646.72	CHF 28.00	10,616.72
10	26#	S-95	LT&C	N	478.93	10,380.24	10,859.17
1	26#	S-95	LT&C	N	37.33	10,859.17	10,896.50
					2.50	10,896.50	10,899.00
					1.00	To Bottom	

Float Collar @ 10,818

Casing Hardware:

Float shoe and collar type Howco - Super Seal

Centralizer type and product number Howco - 3

Centralizers installed on the following joints 272 - 270 - 268

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type F.D.C. Caliper volume 377 ft³ + excess over caliper
83 ft³ + float collar to shoe volume 17.6 ft³ + liner lap _____ ft³
+ cement above liner _____ ft³ = 478 ft³ (Total Volume).

Cement:

Preflush-Water 10 bbls, other _____ Volume 48 bbls

First stage, type and additives B.J. Lite containing .5% D-31

ft³/sk, volume 74 sx. Pumpability _____ hours at _____ °F. Weight 12.4 lbs/gal, yield 3.04

Second stage, type and additives 34 bbls slurry Class G cement containing 1% D-31 & .3% R-5

ft³/sk, volume 167 sx. Pumpability 4 hours at 205 °F. Weight 15.9 lbs/gal, yield 1.14

Cementing Procedure:

Rotate/reciprocate _____

Displacement rate _____

Percent returns during job _____

Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
with _____ lbs on slips.

Remarks:

Cement in place @ 5:00 A.M. 2/6/75

Drilling Foreman K. L. Payne
Date 2/10/75

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-20B4
Job: 5 " O.D. Casing/Liner. Ran to 12,761 feet (KB) on 2-27, 1975

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28.00	KB	CHF 28.00
						CHF	
56	18	JL95	SFJP	New	2059	10,702	12,761

Hanger Top 10,702 - Hanger 7.80' long

Casing Hardware:

Float shoe and collar type Howco - differential fill
Centralizer type and product number Howco
Centralizers installed on the following joints 1, 4, 7, 10, 13, 14, 17, 20, 23, 26, 29,
32 & 35
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type FDC . Caliper volume 241 ft³ + excess over caliper
65 ft³ + float collar to shoe volume 7.8 ft³ + liner lap 15.4 ft³
+ cement above liner 42.9 ft³ = 366 ft³ (Total Volume).

Cement:

Preflush-Water 140 bbls, other 14 PPG Volume 65 bbls
First stage, type and additives Class "G" containing 1.25% D-31 & .1 to .2% R5
plus 1% Gel . Weight 15.5 lbs/gal, yield 1-25
ft³/sk, volume 340 sx. Pumpability 4 hours at 235 °F.
Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate _____
Percent returns during job _____
Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
with _____ lbs on slips.

Remarks:

Good returns throughout cementing procedures.

C.I.P. @ 1:30 A.M. 2-27-75. Plug bumped.

Drilling Foreman Ken Payne

Date 2-27-75

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6436', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 591
BO, 359 BW, 81 MCF gas thru 35-58/64" chk w/400 psi FTP.

NOV 13 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6436', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 579
BO, 391 BW, 842 MCF gas thru 35-58/64" chk w/400 psi FTP.
(Correction to rept of 11/13: should have been 881 MCF gas)

NOV 14 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6436', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
11/15:	24	514	393	823	35-58/64"	625
11/16:	24	479	382	776	35-58/64"	250
11/17:	24	545	326	776	35-58/64"	300

NOV 17 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6436', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. OIL WELL COMPLETE. On 24-hr test
11/17/75 flwd 545 BO, 326 BW, 776 MCF gas thru 35-58/64"
chk w/300 psi FTP from Wasatch perfs 12,666-11,750. API
Gravity 44.0 deg. Completion Date: 7/2/75. Test Date:
11/17/75. Elev: 6436' KB.

Log Tops: TGR3 9110 (-2674) M1 10,556 (-4120)
Wasatch 10,788 (-4352) M3 12,056 (-5620)

FINAL REPORT

NOV 18 1975

SHELL OIL COMPANY

LEASE ELLSWORTH
DIVISION WESTERN
COUNTY DUCHESNEWELL NO. 1-20B4
ELEV 6436 KB
STATE UTAH

From: 1/6/75 - 11/18/75

UTAHALTAMONT

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

"FR" 1/5: 135/*1/135. Drilling.

Located 1744' FNL and 1342' FEL SW/4 NE/4 Section 20-T2S-R4W, Duchesne County, Utah.

Shell Working Interest: 100%

This well is being drilled for routine development.

Spudded 17-1/2" hole at 12:01 AM, 1/5/75.

Mud: (.520) 10.0 x 44

1/6: 310/*2/175. WOC. Tripped out and circ 1-1/4 hrs prior to running csg. Ran 8 jts (316') 13-3/8", 68#, K-55 ST&C csg to 310' and cmtd w/430 cu ft Class "G" containing 3% CaCl2. Plug down at 12:50 AM, 1/6/75.

Cmt circ.

*Estimated drilling days not available.

JAN - 6 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

310/*3/0. Nippling up BOP. WOC 22-1/2 hrs.

*Estimated drilling days not available.

JAN - 7 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

760/*4/450. Drilling. Finished nippling up. Tested csg to 1500 psi, held OK. Drld cmt and shoe.

Mud: Wtr

*Estimated drilling days not available.

JAN - 8 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

1690/*5/930. Drilling. Dev: 3/4 deg at 882 and 1 deg at 1500. Tripped for new bit at 1531.

Mud: Wtr

*Estimated drilling days not available.

JAN - 9 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

2550/*6/860. Drilling.

Mud: Wtr

*Estimated drilling days not available.

JAN 10 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

1/11: 3330/*7/780. Drilling. Dev: 1-1/4 deg at 2652.

Magnafluxed DC's laying down one 6-5/8" DC w/cracked box.

1/12: 3860/*8/530. Drilling. Dev: 1-1/4 deg at 3575.

1/13: 4365/*9/505. Drilling.

* Estimated drilling days not available.

JAN 13 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

4865/*/10/500. Drilling.
Mud: Wtr
* Estimated drilling days not available. JAN 14 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

5365/*/11/500. Drilling.
Mud: Wtr
* Estimated drilling days not available. JAN 15 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

5884/*/12/519. Tripping for bit. Dev: 2 deg at
5884.
Mud: Wtr
* Estimated drilling days not available. JAN 16 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
13-3/8" csg @ 310'

6295/*/13/411. Drilling. Magnafluxed BC's, laying
down one 7" collar w/cracked box. Tripped in w/new
bit, washing 150' to btm.
Mud: Wtr
JAN 17 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

1/18: 6417/*/14/122. Running 9-5/8" csg. Dev: 1-3/4
deg at 6417. Circ and cond hole 1 hr. Made 10-std
short trip and circ and cond hole. Sptd pill and strapped
out of hole.
Mud: (.447) 8.6 x 34
1/19: 6417/*/15/0. Prep to trip in w/BHA. Ran 145 jts
(6425') 9-5/8" 36# K-55 ST&C csg to 6416 w/insert float
at 6279. Cmt'd w/205 sx BJ Lite cmt. Tailed in w/220 sx
Class "G". Plug down at 11 AM, 1/18. Good returns
throughout. WOC 19 hrs and nipped up EOP. Tested BOP
and manifold, held OK.
1/20: 6690/*/16/273. Drilling. Tripped in w/BHA and
tagged float. Tested csg to 1500 psi, held OK. Drld
baffle plate. WOC 4 hrs - cmt soft.
Mud: Wtr
* Estimated drilling days not available. JAN 20 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

7300/*/17/610. Drilling. Down 2 hrs repairing mud
lines.
Mud: Wtr
* Estimated drilling days not available. JAN 21 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

7990/*/18/690. Drilling.
Mud: Wtr
* Estimated drilling days not available JAN 22 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

8450/ 50/19/460. Drilling. Dev: 2 deg at 8167.
Bullhead sqzd 13-3/8 x 9-5/8 annulus w/600 cu ft
BJ Lite w/250 psi max press. JAN 23 1975
Mud: Wtr

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

8896/ 50/20/446. Working tight hole. JAN 24 1975
Mud: Wtr

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

1/25: 8897/50/21/1. Drilling on jk. Finished out
of hole. Tripped in w/mill and milled on jk 1-3/4 hrs.
Tripped out w/plugged mill. Reamed 50' to btm.
1/26: 9100/ 50/22/203. Drilling. Dev: 2 deg at 8897.
Washed to btm twice. Drld on jk 2 hrs.
1/27: 9445/ 50/23/345. Drilling. Dev: 2-1/4 deg at
9380. Washed 90' to btm. JAN 27 1975
Mud: Wtr

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

9900/ 50/24/455. Drilling. Background gas: 15-20
units. Connection gas: 60-70 units.
Mud: (.452) 8.7 x 36 x 8.2 (4#/bbl LCM) JAN 28 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,213/ 50/25/313. Drilling. Background gas: 10-12
units. Connection gas: 20-24 units.
Mud: (.473) 9.1 x 39 x 6.8 (5#/bbl LCM) JAN 29 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,213/50/26/127. Drilling. Dev: 1-3/4 deg at 10,223.
Tripped out for bit making -5' SLC: 10,218 = 10,223.
Down 3-1/4 hrs repairing elec panel board. Washed and
reamed 30' to btm. Background gas: 20-1110 units.
Connection gas: 1080 units. Trip gas: 300 units.
Mud: (.494) 9.5 x 41 x 6.4 (4#/bbl LCM) JAN 30 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,508/50/27/168. Tripping for bit. Background gas:
18-80 units. Connection gas: 20-110 units.
Mud: (.514) 9.9 x 40 x 6.2 (6#/bbl LCM)
Correction to 1/30/75 report: Depth should have been
reported as 10,340 instead of 10,213.

JAN 31 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

2/1: 10,600/50/28/92. Drilling. 7-1/4 hrs tripping,
4-3/4 hrs reaming to bottom.
Mud: 10.3 x 40 x 6.2 (7#/bbl LCM)
2/2: 10,850/50/29/250. Drilling
Mud: (.527) 11.0 x 4.4 x 5.6 (10#/bbl LCM)
2/3: 10,900/50/30/50. Logging. 10 hrs RU Schl.
Ran DIL 10,881-6314. BG gas: 15 units. Connection gas:
100 units.
Mud: (.582) 11.2 x 4.3 x 5.4 (10#/bbl LCM)

FEB 3 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,900/50/31/0. SD for rig repairs. Ran logs as
follows: finished running CNL/FDC. Ran BHC-Sonic
from TD to surface.
Mud: (.582) 11.1 x 4.2 x 5.6 (9#/bbl LCM)

FEB 4 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,900/50/32/0. Laying down DP. 14-1/2 hrs rig repairs.
Background gas: 10 to 12 units. Trip gas: 15 to 1600
units.
Mud: (.582) 11.2 x 4.4 x 5.4 (9#/bbl LCM)

FEB 5 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'

10,900/50/33/0. WOC. Ran 7" csg. Details to be
reported 2/7/75.
Mud: (.582) 11.2 x 4.4 x 5.4 (9#/bbl LCM)

FEB 6 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'
7" csg @ 10,899'

10,900/50/34/0. Prep to drill. 21 hrs nipping up &
testing BOP.
Addition to report of 2/6/75: Ran & cmt'd 10 jts 26#
S-95, LT&C and 262 jts S-95 26#, LT&C @ 10,899 w/270 cu.
ft. BJ lite containing .5% D-31 & tailed in w/190 cu. ft.
Class "G" cmt containing 1% D-31 & .3% R-5. Plug down @
5 a.m. 2/6/75. Good returns throughout. FC @ 10,818.
Displaced cmt w/11.2#/gal mud.
Mud: (.582) 11.2 x 4.4 x 5.4 (9#/bbl LCM)

FEB 7 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'
7" csg @ 10,899'

2/8: 10,900/50/35/0. Tripping for new bit.
9-1/2 hrs PU 3-1/2" tools. 11-1/2 hrs drlg cmt.
Mud: (.582) 11.2 x 4.6 x 5.2 (8#/bbl LCM)
2/9: 10,953/50/36/53. Tripping. 3 hrs trip out. Reamed
bridge 245' off btm. 8-1/4 hrs drlg. Background gas:
2-4 units. Connection gas: 12 units. Trip gas: 60 units.
Mud: (.598) 11.5 x 4.5 x 5.0 (7#/bbl LCM)
2/10: 11,040/50/37/81. Drilling. 9 hrs drlg & 12 hrs
trip. Background gas: 2-4 units. Trip gas: 22 units.
Connection gas: 12 units.
Mud: (.598) 11.5+ x 4.3 x 4.8 (5#/bbl LCM)

FEB 10 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6416'
7" csg @ 10,899'

11,112/50/38/72. Prep to drill. 17 hrs drlg. 5 hrs tripping. Background gas: 228 units. Connection gas: 8-18 units.
Mud: (.618) 11.9 x 44 x 4.8 (7#/bbl LCM) FEB 11 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

11,260/50/39/148. Drilling. Background gas: 6-13 units. Trip gas: 130 units. Connection gas: 60-110 units.
Mud: (.634) 12.2 x 44 x 5.0 (5#/bbl LCM) FEB 12 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

11,310/50/40/50. Drilling. 17 hrs drlg. Background gas: 6-14 units. Connection gas: 100-210 gas. Trip gas: 210 units.
Mud: (.655) 12.6 x 46 x 4.8 (7#/bbl LCM) FEB 13 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

11,465/50/41/155. Drilling. Background gas: 360-450 units. Connection gas: 1000-1250 units.
Mud: (.676) 13 x 47 x 4.6 (7#/bbl LCM) FEB 14 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

2/15: 11,630/50/42/165. Drilling. Background gas: 120-210 units. Connection gas: 1200-2000 units.
Mud: (.717) 13.8 x 44 x 4.4 (8#/bbl LCM)
2/16: 11,791/50/43/161. Drilling. Background gas:

12-14 units. Connection gas: 140 units.
Mud: (.728) 14.0 x 45 x 5.0
2/17: 11,936/50/44/145. Regaining circ.
Background gas: 12-20 units. Connection gas: 100 units.
Mud: (.743) 14.3 x 46 x 4.8
2/18: 12,085/50/45/149. Drilling. Lost approx 500 bbls mud past 24 hrs. Background gas: 20-60 units. Connection gas: 110-1200 units.
Mud: (.749) 14.4 x 45 x 4.6 FEB 18 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,260/50/46/180. Drilling. Background gas: 30-60 units.
Connection gas: 200-1200 units.
Mud: (.764) 14.7 x 45 x 3.2

FEB 19 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,440/50/47/180. Attempting to regain circ. 20-1/2 hrs
drlg. 3 hrs lost circ. Background gas: 22-28 units.
Connection gas: 120-260 units.
Mud: (.764) 14.7 x 46 x 3.4

FEB 20 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,525/50/48/85. Drilling. 18-1/2 hrs cond. mud & hole.
Background gas: 10 units. Connection gas: 450 units.
Trip gas: 250 units.
Mud: (.759) 14.6 x 47 x 3.4

FEB 21 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

2/22: 12,717/50/49/192. Drilling. Background gas: 18-20
units. Connection gas: 200-220 units. 20 bbls mud lost
24 hrs.

Mud: (.748) 14.4 x 48 x 3.6 (12#/bbl LCM)

2/23: 12,762/50/50/45. Mixing mud & LCM. Cond mud &
attempted to trip. Hole would not take proper amt of fluid.
Ran back to btm. Increased mud wt. Started losing mud.
Background gas: 20-60 units. Trip gas: 1400 units.

Mud: (.769) 14.8 x 48 x 3.6

2/24: 12,762/50/51/0. Tripping to 7" csg shoe. 24 hrs
cond mud. Lost approx 450 bbls mud past 24 hrs. Background
gas: 10-20 units. Bottoms up gas: 1392-1600+ units.

Mud: (.759) 14.6 x 46 x 3.8

FEB 24 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,762/50/52/0. Logging.
Mud: (.759) 14.6 x 46 x 3.8

FEB 25 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,762/50/53/0. Logging. Fin'd running DIL. Ran CNL/FDC
Caliper & BHC Sonic w/GR. Hole has taken 15 bbls mud
since logging operation began.
Mud: (.759) 14.6 x 4.6 x 3.8

FEB 26 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'

12,762/50/54/0. WOC. Cmt'd 5" liner @ 12,761'. Details
to be reported 2/28/75.
Mud: (.759) 14.6 x 4.6 x 3.8

FEB 27 1975

Shell-Ellsworth 1-20B4
(D) Parker #117
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

12,762/50/55/0. Drilling cmt. 11-1/2 hrs WOC. 9-1/4 hrs
drlg cmt from 10,078-10,423. Addition to report of 2/27/75:
Ran 56 jts 18# JL95 SFJP (2059') to 12,761 & cmt'd w/340
sx Class "G" cmt containing 1.25% D-31 & .1 to .2% R-5 plus
1% gel. CIP @ 1:30 a.m. 2/27/75. Plug bumped. Good returns
throughout cmt'g procedure. Hanger top 10,702', FC top
12,621.
Mud: (.748) 14.4 x 49 x 5.2 (7#/bbl LCM)

FEB 28 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

3/1: 12,762/50/56/0. Laying down DP & cleaning mud pits.
Mud: (.759) 14.6 x 45 x 4.8 (6#/bbl LCM)
3/2: TD 12,762. MORT. Rig released t p.m. 3/1/75.
(RDUFA)

MAR - 3 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. (RRD 3/3/75) MI&RU Western 4/10/75. SD for
repairs.

APR 11 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. Prep to CO to PBTD. Fin'd repairs. Installed & tested tbg spools & BOP. Set RTTS tool @ 3100 & press'd to 4500# for 15 mins. No bleed off. Ran tbg & pkr to 4600. Press annulus to 4000# for 15 mins, held ok. Ran tbg & pkr to 7700. Press'd annulus to 3000# for 15 mins, held ok. Released pkr & ran tbg to top of liner @ 10,710 & displaced mud inside of tbg w/wtr, leaving 100' mud inside. Set RTTS tool. Bled off press on tbg. Tested inflow for 30 mins, no inflow. Reversed wtr out of tbg & POOH w/tbg. SD for Sunday.

APR 14 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,655. Pulling tbg. Ran 4-1/8" junk mill on 2-7/8" tbg w/7" scraper 2032' above tail. Found PBTD @ 12,655 (45' short of indicated PBTD). Displaced mud w/250 gals BJ mud acid followed by 500 BW followed by 150 gals BJ mud flush followed by wtr until returns were clear. SI & tested for flowback. No flowback. Press tested to 4500#, held ok. Sptd 1375 gals 10% acetic acid w/2 gals C-9/1000 gals on btm.

APR 15 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Pulling tbg. Layed down 4-1/8" mill, csg scraper & 2032' tbg tail. RU OWP. Tested lubricator to 4500#, held ok. Ran CBL/VDL/PDC logs from PBTD to cmt top @ 9548. Held 4500# on csg while run'g CBL log. Cmt bonding was excellent. Set 7" Bkr Model ret-D pkr w/flapper @ 10,673'. Found PBTD @ 12,668 w/OWP WL. Checking tbg tally indicated PBTD 12,667'. APR 16 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Run'g prod equip. Ran Bkr Model C expendable plug holder w/Model B push out plug in place. Shop tested to 7500# in both directions. Ran 1 30' jt 2-7/8" N-80 10rd nonperforated jt, Bkr anchor tbg seal assembly w/2 seal unit, Bkr Model EL on-of connector w/Otis 2.313 end nipple w/2.255 no-go & ran tbg w/KBMG mandrels. Spaced out & press tested tbg on way into hole to 7500. Ran approx 5500' tbg & tbg holding press ok. APR 17 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. (Addition to rept of 4/18/75: RDUFA)

APR 21 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Prep to perf. Ran 341 jts 2-7/8 EUE N80 8rd, 1 4' sub w/Camco KBMG mandrels w/dummies spaced out as follows: 1 Camco mandrel #21HP8-29 @ 2891, #18HP8-20 @ 5287, #18HP6-25 @ 7000, #4HP7-1 @ 8186, #3HP8-29 @ 8968, #3HP7-2 @ 9688, #1HP9-5 @ 10,563. Fin'd press test'g tbg to 7500#, held ok. Tested pkr w/20,000# set down & tension. Marked for landing w/0# wt on pkr. Jayed off & spaced out. Displaced annulus w/inhibited wtr as per Oil Letter #1 heated to 100 deg F. Displaced tbg w/clean wtr containing 2% NaCl heated to 100 deg F. Landed tbg & locked in. Press tested tbg to 7500 w/no press on annulus, held ok. No bleed off in 1 hr. Installed back press valve in tbg hanger & removed BOP stack. Installed 10,000# frac tree & tested to 10,500#, held ok. No diesel inj'd down the 7" x 9-5/8" annulus as it was on vacuum.

APR 18 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. (RRD 4/18/75) Perf'g. RU OWP. Knocked out "B" plug & chased to btm. Ran CCL & Temp log from 10,573-12,668. Max temp 228 deg, min 195 deg.

APR 23 1975

Shell-Ellsworth 1-20B4
(D) Western
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Prep to flow. RU OWP & perf'd unidirectionally w/2" steel hollow carrier through tbg gun decentralized w/magnets @ top, middle & btm w/Harrison RT 6.2 gram charges @ each of the following depths per CN/FDC/GR log dated 2/25/75. Run #1 perf'd 1 hole @ each of the following: 12,666, 12,646, 12,636, 12,631, 12,627, 12,614, 12,610, 12,605, 12,599, 12,587, 12,584, 12,573, 12,567, 12,539, 12,536, 12,515, 12,512, 12,505, 12,502, 12,490, 12,484, 12,475, 12,471, 12,463, 12,452, 12,444, 12,434, 12,424, 12,419, 12,415, 12,406, 12,391, 12,387, 12,380, 12,371, 12,364, 12,357. No press while perf'g. Built to 1700 psi in 1 hr. Run #2 perf'd 1 hole @ each of the following: 12,350, 12,346, 12,338, 12,333, 12,321, 12,313, 12,298, 12,294, 12,284, 12,270, 12,265, 12,258, 12,251, 12,241, 12,239, 12,226, 12,216, 12,211, 12,208, 12,193, 12,182, 12,178, 12,168, 12,164, 12,158, 12,143, 12,140, 12,138, 12,134, 12,125, 12,116, 12,114, 12,094, 12,091, 12,074, 12,066, 12,060. Bled press from 1700 to 320 psi. Built to 450 psi while perf'g. Run #3 perf'd 1 hole @ each of the following: 12,057, 12,046, 12,041, 12,039, 12,033, 12,005, 11,968, 11,963, 11,956, 11,948, 11,946, 11,944, 11,940, 11,917, 11,914, 11,903, 11,899, 11,894, 11,883, 11,867, 11,864, 11,860, 11,849, 11,843, 11,839, 11,826, 11,818, 11,814, 11,802, 11,794, 11,782, 11,779, 11,775, 11,771, 11,762, 11,755, 11,750. Bled press to 60 psi. Built to 100 psi while perf'g. Total of 111 holes in 106 zones. AT gross perfs 11,750-12,666 w/450 bbls 15% HCl acid containing 3 gals G10, 3 gals C15, 3 gals J22, 3# 20-40 mesh RA sd & except for last 10 bbls 80# OS-160 Wide Range Unibeads & 80# OS-160 Button Unibeads/1000 gals. Flushed w/98 bbls fresh wtr containing 3 gals G10 & 165# NaCl/1000 gals. Pmpd 4 bbls acid & dropped 2 7/8" RCN ball sealers, sp. gr. 1.4. Repeated pmp'g 4 bbls acid & dropping 2 ball sealers 109 additional times for a total of 440 bbls acid & 220 ball sealers. Then pmpd 10 bbls acid w/o Unibeads. Pmpd 98 bbls flush. (Total load 548 bbls) Max trt'g press 9700 psi, min 5400, avg 7500. Max rate 10.5 B/M, min 1.5, avg 7.5. ISIP 5600 psi, 5 mins SI press 4950, 10 mins 4950, 15 mins 4900. APR 24 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. SITP 4300 psi. Opened well to pit & flwd back wtr & oil on 1" chk, FTP 800 psi. Turned well to battery & filled flowline & treater. Prod approx 450 BO, 17 BW, 377 MCF gas in 4 hrs, FTP 2000 psi, 20/64" chk. SI well @ 4:30 p.m. Ran GR Tracer log from 12,675 to 10,600. Log indicated that virtually all perf'd zones were treated. 3-hr SITP 4200 psi. Opened well to battery @ 8 p.m. In 11 hrs prod 938 BO, 2 BW, 1.033 MCF gas, FTP 1500 psi, 20/64" chk. APR 25 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. Gauge to be reported later.

APR 28

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. Gauge to be reported later.

APR 29 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. Gauges are as follows:

Date	Hrs	BO	BW	MCF GAS	Chk	FTP
4/26	24	1618	27	1543	12/64"	1300
4/27	24	1098	26	992	15/64"	800
4/28	24	1028	2	1073	15/64"	750
4/29	24	577	7	900	15/64"	1200
4/30	24	969	15	1073	15/64"	1100

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 22-hr test, well flwd
690 BO, 18 BW, 1073 MCF gas through 32/64" chk w/1000 psi FTP.

MAY 1 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB-6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 10 hr test, well flwd
242 BO, 3 BW, 430 MCF gas through 40/64" chk w/1200
psi FTP.

MAY 2 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI for BHP. Cut wax & ran Sun Oilfield
10,000 psi tandem BHP bomb w/72-hr clock, 250 deg thermometers
to 12,000'. Opened well. Flwd for 4 hrs as follows: 1st hr
prod 19.3 BO, 0 BW, 26.5 MCF gas, 16/64" chk, 1000 psi FTP.
2nd hr 20.6 BO, 0 BW, 27.8 MCF gas, 16/64" chk, 1000 psi FTP.
3rd hr 21.5 BO, 0 BW, 28.2 MCF gas, 16/64" chk, 1000 psi FTP.
4th hr 19.2 BO, 0 BW, 28.2 MCF gas, 16/64" chk, 1000 psi FTP.
Shut well in & backed down w/30 bbls diesel. On 5/3 SI BHP.

5/3-5/75

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI for BHP.

MAY 6 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI. Perforated BHP bomb.

MAY 7 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI.

MAY 8 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 21-hr test, flwd
1042 BO, 11 BW, 1176 MCF gas through 24-30/64" chk w/800
psi FTP.

MAY 9 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On various tests, flwd:

Date	Hrs	BO	BW	MCF Gas	Chk	FTP
5/10	24	729	0	772	24-30/64"	650
5/11	18	693	0	600	24-30/64"	500
5/12	24	674	21	670	24-30/64"	300

MAY 12 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. AFE #517971 provides
funds to prod log. Cut wax to 7000'. RU Schl & made
dummy run. Recorded drag every 1000' from surface to
PBTD. No excessive drag encountered. POOH & ran logs.
Made FBS calibrations & recorded gradio above top perms.
Left tools 300' below tbg tail & opened well to stabilize.
On 5/10 stabilized well for 16 hrs & ran Temp log, FBS log
& Gradio log. POOH. Put well back on prod. PRODUCTION
LOGGING COMPLETE.

MAY 13 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 503
BO, 24 BW & 533 MCF gas through 24-30/64" chk w/300 psi FTP.

MAY 14 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 429
BO, 55 BW, 505 MCF gas through 24-30/64" chk w/400 psi FTP.

MAY 15 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 338
BO, 33 BW, 463 MCF gas through 24-30/64" chk w/500 psi FTP.

MAY 16 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
5/17:	24	281	0	472	26-30/64"	400
5/18:	19	329	0	447	28-30/64"	200
5/19:	24	303	129	436	26-30/64"	200

MAY 19 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 23-hr test, flwd 220
BO, 115 BW, 315 MCF gas through 26-30/64" chk w/200 psi FTP.

MAY 20 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 192
BO, 0 BW, 315 MCF gas through 20-30/64" chk w/200 psi FTP.

MAY 21 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 223
BO, 110 BW, 417 MCF gas through 20-30/64" chk w/150 psi FTP.

MAY 22 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 202
BO, 130 BW, 372 MCF gas through 23-30/64" chk w/150 psi FTP.

MAY 23 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>5/24:</u>	24	232	119	230	30/64"	100
<u>5/25:</u>	24	136	29	242	30-40/64"	100
<u>5/26:</u>	24	213	2	319	26-40/64"	100
<u>5/27:</u>	24	208	41	276	26-40/64"	100

MAY 27 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 149
BO, 25 BW, 236 MCF gas through 23-40/64" chk w/100 psi FTP.

MAY 28 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 167
BO, 123 BW, 236 MCF gas through 26-40/64" chk w/100 psi FTP.

MAY 29 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 185
BO, 64 BW, 298 MCF gas through 30-40/64" chk w/100 psi FTP.

MAY 30 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>5/31:</u>	24	112	39	298	30-40/64"	50
<u>6/1:</u>	24	200	23	268	30-40/64"	50
<u>6/2:</u>	24	115	91	418	30-40/64"	50

JUN 02 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 146
BO, 82 BW, 417 MCF gas through 30-40/64" chk w/50 psi FTP.

JUN 03 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 117
BO, 87 BW, 417 MCF gas thru 30-40/64" chk w/0 psi FTP.

JUN 04 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 128
BO, 101 BW, 298 MCF gas thru 30-40/64" chk w/50 psi FTP.

JUN 05 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 99
BO, 30 BW, 472 MCF gas thru 30-40/64" chk w/75 psi FTP.

JUN 06 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
6/7:	24	57	30	155	30-40/64"	25
6/8:	SI 24 hrs					
6/9:	24	291	99	441	30-40/64"	150

JUN 09 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 133
BO, 50 BW, 315 MCF gas thru 30-40/64" chk w/75 psi FTP.

JUN 10 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 130
BO, 50 BW, 315 MCF gas thru 30-40/64" chk w/50 psi FTP.

JUN 11 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 103
BO, 9 BW, 315 MCF gas thru 30-40/64" chk w/50 psi FTP.

JUN 12 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 20-hr test, flwd 107
BO, 0 BW, 260 MCF gas thru 30-40/64" chk w/25 psi FTP.

JUN 13 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
6/14:	SI					
6/15:	20	50	M/B	430	30-40/64"	50
6/16:	24	254	2	466	30-40/64"	50

JUN 16 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Flowing. On 24-hr test, flwd 91
BO, 0 BW, 383 MCF gas thru 30-40/64" chk w/0 psi FTP.

JUN 17 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Prep to frac. Cut wax to 7000' &
installed back press valve. Removed 5000# tree. Installed
10,000# tree & tested seals to 10,000#, held ok. Removed
back press valve. Ran 1" CTU to 12,667. Sptd 21 bbls
delayed action thermo-gel in 5" liner from 12,667-11,400.
Flushed coil tbg w/clean fresh wtr. Pulled coil tbg &
SI well.

JUN 18 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI. RU BJ. SITP 1800 psi. Mixed
& pmp'd 20 bbls thermo-gel pad w/20 ball sealers in 1st 6
bbls followed by 75 bbls sd thermo-gel slurry (52 bbls
thermo-gel + 21,900# 20-40 mesh sd) w/74 ball sealers
followed by 17 bbls thermo-gel flush w/20 ball sealers
followed by 31 BW flush (containing 165# KCl & 3 gals C10
per 1000 gals) before reaching 10,000 psi wellhead press.
Min press 4200 psi @ 5 B/M, max 9500 @ 10 B/M, & 10,000 psi
@ 0 rate. ISIP 10,000 psi, 5 mins 8500, 10 mins 8100, 30
mins 7200. Max rate 10.5 B/M placed between 6200# & 10,800#
sd in formation.

JUN 19 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI; prep to wash sd.

JUN 20 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI. 6/20 44-hr SITP 1800 psi. Opened well to pit. Bled off to 0 immediately. RU Newsco 1" CTU. Ran coil tbg to 11,000' while circ'g. Circ'd small amt of sd out of 2-7/8 tbg from 9300-10,700 btm of tbg. Jetted w/nitrogen @ 11,000' & POOH. Well would not flow; no indication of oil or gas. 6/21 12-hr SITP 200 psi. Blew down to 0 in 10 mins. Ran coil tbg to 11,600 while pmp'g nitrogen & prod wtr w/D10. Top of solid fill @ 11,300'.

Lost circ. Switched to nitrogen. Pulled CTU to 8100. Unloaded well. Rec'd large amt of sd & small amts of oil & gas. Ran & washed from 11,600 to 12,762 PBDT in 100' increments w/15-min stops. Worked coil tbg thru this interval several times. Unloaded hole w/1000 cu ft/min of nitrogen. POOH. Total recovery: large amt of sd, small amt oil & gas & 80 ball sealers. Well would not flow. SI for 30 mins; small buildup. SI well.

JUN 23 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. 6/22 14-hr SITP 800 psi. Opened well to pit. FTP to 0 in 3 mins (gas only). Left well open for 3 hrs w/no fluid prod. SI well. 6/23 21-hr SITP 500 psi. Opened well to pit & FTP to 0 in 3 mins (gas only). MI&RU Newsco & ran in 1" coil tbg to 11,000' & jetted w/nitrogen for 30 mins (some oil & wtr). Ran down w/1" tbg to 12,650 & jetted w/600 cu ft nitrogen/min for 1-1/2 hrs. Well almost blown dry. MI&RU BJ Serv. Pmp'd 5 bbls prod wtr thru 1" tbg & spt'd 36 bbls 15% HCl on btm. Pulled 1" tbg while pmp'g 30 bbls prod wtr. RD Newsco. Pmp'd 11 bbls prod wtr w/BJ to finish loading tbg (82 bbls total to load hole). Pmp'd 36 bbls prod wtr to displace acid @ 4.5 B/M @ 6500 psi. ISIP 5200, 10 mins 2500, 30 mins 50. SI well overnight.

JUN 24 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. In 13 hrs SITP built from 50 to 1150 psi. Opened well to pit & FTP down to 50 psi in 1 min (mostly gas w/small amt oil). Well flwd an est 20 BW in 30 mins & died. RU Newsco 1" CTU & ran in while jetting w/250 cu ft nitrogen/min. Stopped @ 5000' & tbg blew dry. Ran in to 10,000' & tbg blew dry. Ran in to 12,600'. Increased nitrogen to 7000 cu ft/min & blew csg dry in 1 hr. Rec'd mostly wtr, small amt of oil & no apparent acid wtr. POOH. RD&MO Newsco. SI overnight.

JUN 25 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Cleaning up well to pit. 24-hr SITP 1250#. MI&RU BJ Service & AT gross perf'd interval 11,750-12,666 (111 holes) w/111 bbls 15% HCl acid. All acid contained 3 gals C15, 4 gals J40, 3 gals G10 & 40# OS-160 Unibeads/1000 gals acid. Pmp'd 1 bbl acid & dropped 1 7/8" RCN ball sealer. Repeated 110 times. Flushed w/100 bbls clean prod wtr. Max rate 11 B/M, avg 10, min 8. Max press 7900 psi, avg 7200, min 5800. ISIP 5400, 5-min SI 4900, 10-min SI 4800, 15-min SI 4300. SI overnight. JUN 26 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. SI.

JUN 27 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Prep to run tracer survey. 6/27 13-hr SITP 500. Opened to pit & FTP to 0 immediately. Flwd est 15 BW in 1/2 hr & well died. Flwing well intermittently. SITP to 300 psi in 1/2 hr. In 8 hrs total flwing est well flwd 25 BW, 10 BO. SI well. MI&RU Hot Oil Service & backed well down w/80 bbls prod wtr. Max press 3200. SI overnight. 6/28 16-hr SITP 1800. 6/29 40-hr SITP 3000. 6/30 59-hr SITP 3300.

JUN 30 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,667. Prep to run tracer survey. 88-hr SITP 3400. Opened well to pit & flwd est 45 BW & 30 BO in 3 hrs. FTP down to 50 psi on 30/64" chk. SI well. MI&RU OWP. Ran in hole w/tracer survey; failed. POOH. SI overnight.

JUL 01 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. 13-hr SITP 1650. Opened well to pit for 1 hr & flwd est 8 BO, 36 BW on 40/64" chk w/50 psi FTP. SI well. RU OWP & ran RA ejector & 2 GR tools. Ejected RA material (oil soluble) @ each of the following depths: 10,800; 11,300; 11,800; 12,000; 12,500; 12,550; 11,960 w/no fluid movement from any ejection. WL PBTD 12,563. RD&MO OWP. 4-hr SITP 800 psi. Opened well to battery.

JUL 02 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. In 19-hrs well flwd 72 BO, 37 BW w/155 MCF/D gas rate. Last 4 hrs 16/64" chk w/300# FTP. Turned well over to prod.

JUL 03 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing.

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
7/4	24	66	0	155	20/40"	0
7/5	24	11	90	153	20/40"	50
7/6	24	0	7	163	20/40"	50

JUL 07 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. No gauge.

JUL 08 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. In 24 hrs made 157 BO, 96 BW,
233 MCF gas thru 20/40" chk w/200 psi FTP.

JUL 09 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. In 24 hrs made 66 BO, 10 BW,
184 MCF gas thru 20/40" chk w/150 psi FTP.

JUL 10 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. In 24 hrs made 47 BO, 1 BW,
186 MCF gas thru 20/40" chk w/100 psi FTP.

JUL 11 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
7/12:	24	42	0	233	20-40/64"	100
7/13:	24	30	0	233	20-40/64"	100
7/14:	24	30	0	226	20-40/64"	100

JUL 14 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 31
BO, 0 BW, 226 MCF gas thru 20-40/64" chk w/100 psi FTP.

JUL 15 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 21-hr test, flwd 47 BO,
3 BW, 189 MCF gas thru 20-40/64" chk w/100 psi FTP.

JUL 16 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 18-hr test, flwd 34
BO, 5 BW, 162 MCF gas thru 20-40/64" chk w/100 psi FTP.

JUL 17 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 57
BO, 6 BW, 217 MCF gas thru 20-40/64" chk w/100 psi FTP.

JUL 18 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
7/19:	24	60	5	136	20-40/64"	50
7/20:	24	40	4	73	20-40/64"	75
7/21:	12	13	1	36	20-40/64"	650

JUL 21

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

JUL 22 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

JUL 23 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

JUL 24 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. (Report discontinued until further activity)

JUL 25 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. (RRD 7/25/75) 9/19 Began MI&RU @ 1 p.m. Installed Cameron back press valve. Removed tree & installed BOP. SI overnight. 9/20 Press tested BOP to 5000 psi, ok. Pmp'd in & killed well w/approx 400 bbls hot wtr (200+ deg). Pulled 10,705' of 2-7/8 tbg & found 2 jts that were eaten w/acid. PU new double seal assembly w/exchange extendable Model B plug in holder & exchanged on-off tool. Ran in testing tbg. Found & changed 2 collars leaking. At present have 31 jts in hole w/another sml leak below. SI overnight.

SEP 22 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. RU hydrotest. Press test tbg already in hole to 75 psi, ok. RIH testing to 7500 psi. Found Camco valve leaking. Had gas bubble to come up; had to go on chk for short time. Well had approx 70 bbls in @ 4000 psi. Well cont'd to make heads while run'g tbg. SI overnight w/tbg @ 10,500.

SEP 23 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Press test tbg to 7500 psi for 1 hr. Bled off to 7425; lost 75 psi in 1 hr. Circ in hot wtr thru on-off tool followed by 350 bbls 100 deg frh wtr inh'd w/Tretolite chemical per Oil Letter #1. Spaced out w/1000# tension. Removed BOP & installed tree. Press tested 6 x 15 series flange @ tbg donut to 10,000 psi. Press test back side to 3500 psi. RD & released rig @ 7 p.m. (RDUFA)

SEP 24 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. (RRD 9/24/75) 10/1 RU Sun WL & made dummy run thru tbg. Hit plug @ 2165. POOH. RU HOT to circ annulus. Press'd up to 1500# on annulus. Bled off annulus to pit; unable to circ. Well started flw'g; flwd 20 bbls in 1 hr. Shut well in. RU BJ for sd back. Pmp'd 50 bbls prod wtr down tbg @ 4800 psi @ rate of 1 to 3/4 B/M. Annulus press'd up to 4300#. Bled off tbg & csg. Press bled off @ same rate. Repress'd tbg. Csg press'd up @ same rate indicating tbg or gas lift mandrel leak. Pmp'd 50 bbls diesel down tbg & SD for night.

OCT 02 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

OCT 03 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. RU WL to set Otis tbg plug to press
up tbg. Press'd tbg to 4500 psi & csg press incr'd to 1300
psi. No change in pressures. SI well. Waiting for workover.

OCT 06 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI; WO workover.

OCT 07 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

OCT 08 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

OCT 03 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI.

OCT 10 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SI

OCT 13 1975

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. SI OCT 14 1975

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. SI

OCT 15 1975

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. S.I. (RDUFA) OCT 18 1975

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. S.I. OCT 17 1975

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. 10/17 tbg press 4000 psi. Flwd well to battery overnight; 88 BO & 26 BW in 12 hrs. 10/18 RU Western #17. Installed & tested BOP equip. Circ'd backside w/approx 450 BW thru tbg. Unlatched from pkr assembly. Installed pkr retrieving tools & started in hole. SI well for weekend.

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

OCT 20 1975

Shell-Ellsworth 1-20B4

TD 12,762. PB 12,563. Bled gas off tbg & csg. Displaced hole by circ'g down tbg w/350 bbls prod wtr. Stripped off BOP's & 10 x 10 AP spool w/inside BOP's installed in tbg. Reinstalled & tested BOP's. Pulled up & unlatched retrieval D pkr. Pulled 2 jts tbg & swabbing action of pkr had well gassing. Circ'd hole w/250 bbls 170 deg F prod wtr to eliminate gas & oil in csg. POOH w/tbg & pkr. Pulled 5600'. SI overnight.

(D)

12,300' Wasatch Test

KB 6347', GL 6408'

9-5/8" csg @ 6414'

7" csg @ 10,899'

5" liner @ 12,761'

OCT 21 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Circ'd conventional w/200 bbls hot prod wtr. POOH w/tbg & Bkr re D pkr. Btm 6-8" of pkr indicated acid etching. Rubber off pkr, but probably due to pulling. MI&RU OWP & ran in w/Bkr 5" CIBP on WL & set BP above all existing perfs (top BP @ 11,724) - depth correlates to CBL dated 4/15/75. POOH & RD OWP. Attempted to press test csg & BP, but had too much entrained gas. PU & RIH w/1010' 2-7/8 tbg workstring. PU Bkr 7" R double-grip pkr & RIH on 2-7/8 tbg. Ran 8800' tbg. SI overnight.

OCT 22 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. 12-hr SITP & SICP 800 psi. Bled off press. Fin'd RIH & tagged top of liner w/pkr. Pulled up 4'. SI well & press'd up hole to 3900. Bled off to 2900 in 2 mins. Repress'd to 4000; bled off to 3000 in 2 mins. Set R double-grip pkr @ 10,690. Top of 5" liner @ 10,702. Ret D pkr set @ 10,673. Press'd up tbg, liner top & liner to CIBP w/3900; bled off to 1200 in 3 mins. Press'd up tbg 7" csg annulus to 4000 psi; dropped off to 3900 in 1 hr. Bled off press. Released pkr & moved up to 10,673 (top pkr same as where ret D was set). Press'd up tbg-csg annulus to 4000; lost 100 psi in 1/2 hr. POOH & SI overnight.

OCT 23 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. SICP 800 psi. Bled off press to pit. MI&RU Dialog to run caliper log on 5" liner. RIH to top of liner; could not get tools into liner. POOH; well gassing. Pmp'd est 15 bbls hot prod wtr; press up to 400 psi. RD&MO Dialog. MI&RU OWP & RIH w/Bkr 5" FA pkr w/knockout plug in place. Set w/top pkr @ 10,718 (16' into liner). POOH & RD&MO OWP. SI well overnight.

OCT 24 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Bled off gas to pit. Pmp'd est 60 bbls hot prod wtr in to fill hole. Press tested csg to 4000 psi for 1 hr; press dropped to 3750. Bled off press & RIH w/prod equip. 10/25 Fin'd RIH w/prod equip (details to follow). Latched into 5" FA pkr & tested w/20,000# tension & set down. Tested tbg to 7500 psi for 1 hr; lost 400 psi. Unlatched from pkr & circ'd hole clean of oil & gas w/160 deg F prod wtr. Displaced tbg-csg annulus w/inh wtr as per Oil letter #1. Latched into pkr w/5000# tension when tbg landed on donut. Removed BOP's, installed X-mas tree & removed BPV. Retested tbg to 7500 psi for 1 hr; lost 325 psi. Released rig 4:30 p.m. 10/25/75.

OCT 27 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. MI&RU Sun. RIH w/sinker bars & jars on slickline & knocked out plug in 5" pkr; chased to top of CIBP. POOH. RD&MO Sun.

OCT 28 1975

Shell-Ellsworth 1-20B4

(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. MI&RU to est inj rate. Pmp'd 20 bbls prod wtr @ 1/2 B/M; tbg press incr'd to 3200 psi. RD HOS. MI&RU BJ. Pmp'd down tbg w/20 bbls wt'd 10% acetic acid & followed w/56 bbls prod wtr & 5 bbls diesel. Top of acid column 300' above tail. RD&MO BJ. SI overnight.

OCT 29 1975

Shell-Ellsworth 1-20B4

(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. 16-hr SITP 1600. MI&RU OWP. RIH to perf; could not get below 3100'. POOH. MI&RU HOS & pmp'd 15 bbls diesel down tbg. RD&MO HOS & RIH. On Run #1 press before perf'g 2300 psi. Perf'd as per prog 11,719-11,470 (38 holes). Press after perf'g 2150; gradual loss.

OCT 30 1975

Shell-Ellsworth 1-20B4

(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. No report.

OCT 31 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Run #2 - press before perf'g 2060 & 2040 after perf'g. Perf'd as per prog 11,462-11,210 (38 holes); some mud & acid in gun. Run #3 - press before perf'g 2260 & 2200 after perf'g. Perf'd as per prog 11,208-10,933 (38 holes); some mud & acid in gun. Run #4 - press before perf'g 2220 & 2200 after perf'g. Perf'd as per prog 10,928-10,742 (32 holes); omitted top 2 perfs. POOH & MO OWP. MI&RU BJ & AT gross perf'd interval 10,742-11,719 (146 holes) w/330 bbls gelled 15% HCl. All acid (last 4 bbls contained no Unibeads) contained 12 gals G10, 3 gals G15, 3 gals J22, 80# OS-130 WR, 80# OS-130 Button Unibeads and 3# 20-40 mesh RA sd per 1000 gals acid. Pmp'd 2 bbls acid & dropped one 7/8" RCN ball sealer (sp gr 1.2). Repeated 162 times. Flushed w/58 bbls clean prod wtr containing 3 gals G10/1000 gals wtr. Max press 7000 psi, min 5200, avg 5800. Max rate 12.5 B/M, min 5, avg 12.5. ISIP 4025 psi, 5 mins 3500, 10 mins 3200, 15 mins 3000. Pmp'd in 30 bbls diesel to enable obtaining tracer log. SI overnight.

NOV 03 1975

Shell-Ellsworth 1-20B4
(D)

12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. 12-hr SITP 2000 psi. MI&RU OWP & RIH & obtained RA tracer log from CIBP @ 11,724-10,600. Log indicated a very good trtmt. RD&MO OWP. SITP 1850 psi. Opened well to pit & flwd approx 80 bbls fluid & gas. Opened well to battery on 18/64" chk & 1600 psi tbg press. Flwd 425 BO, 101 BW in 20 hrs & 1015 MCF gas. Turned well over to prod.

NOV 04 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 10-hr test, flwd 228
BO, 0 BW, 396 MCF gas thru 12-42/64" chk w/2300 psi FTP.

NOV 05 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 22-hr test, flwd 772
BO, 100 BW, 682 MCF gas thru 26-48/64" chk w/1100 psi FTP.

NOV 06 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 462
BO, 132 BW, 602 MCF gas thru 26-48/64" chk w/850 psi FTP.

NOV 07 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6347', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
11/8	24	445	136	634	26/48"	1000
11/9	24	462	183	668	26/48"	850
11/10	24	428	105	674	26/48"	950

NOV 10 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

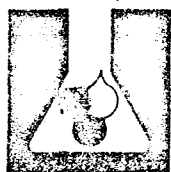
TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 489
BO, 201 BW, 689 MCF gas thru 26-48/64" chk w/400 psi FTP.

NOV 11 1975

Shell-Ellsworth 1-20B4
(D)
12,300' Wasatch Test
KB 6437', GL 6408'
9-5/8" csg @ 6414'
7" csg @ 10,899'
5" liner @ 12,761'

TD 12,762. PB 12,563. Flowing. On 24-hr test, flwd 666
BO, 369 BW, 960 MCF gas thru 35-58/64" chk w/450 psi FTP.

NOV 12 1975



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2424
SAMPLE TAKEN _____
SAMPLE RECEIVED 6-23-75
RESULTS REPORTED _____

Sec. 20-2S-4W

SAMPLE DESCRIPTION
COMPANY Shell Oil Co. LEASE _____ FIELD NO. _____
FIELD _____ COUNTY _____ STATE _____ WELL NO. 1-20B4
SAMPLE TAKEN FROM _____
PRODUCING FORMATION Wasatch TOP _____
REMARKS _____

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0366 pH 7.04 RES. 0.40 OHM METERS @ 77°F

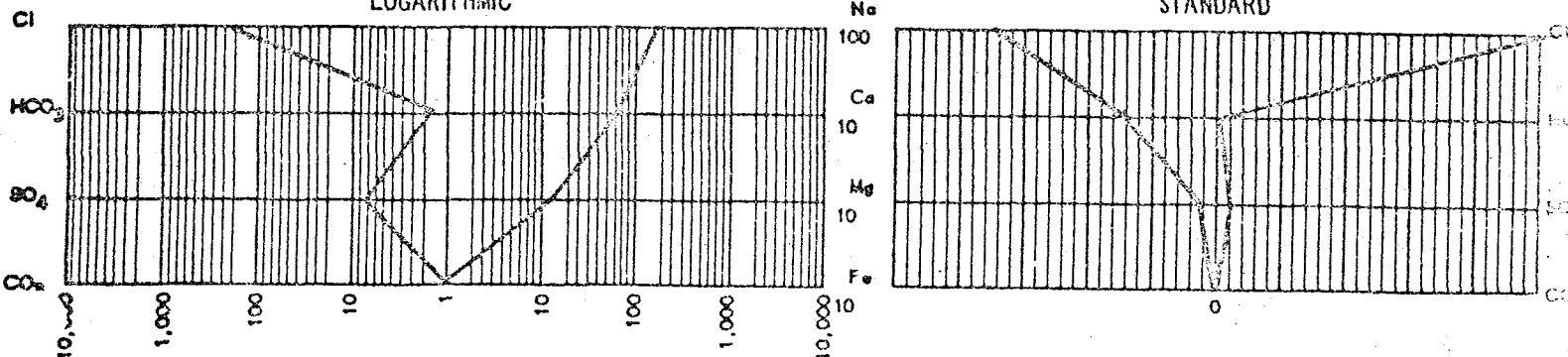
TOTAL HARDNESS 4259.6 mg/L as CaCO₃ TOTAL ALKALINITY 106.0 mg/L as CaCO₃

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	1430.0	71.50		
MAGNESIUM - Mg ++	167.0	13.69		
SODIUM - Na +	4000	173.91		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	0.84	0.03	259.1	
BICARBONATE - HCO ₃ -	106.0	1.74		
CARBONATE - CO ₃ --	0	0		
SULFATE - SO ₄ --	401.0	8.35	269.4	
CHLORIDE - CL -	9206.3	259.33		
TOTAL DISSOLVED SOLIDS	14200			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST _____

CHECKED _____

K
FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Ellsworth 1-20B4

Operator Shell Oil Company

Address 1700 Broadway
Denver, Colorado 80202

Contractor Parker Drilling Company

Address 518 National Bank of Tulsa
Tulsa, Oklahoma 74103

Location SW 1/4, NE 1/4, Sec. 20 ; T. 2 ~~XX~~ R. 4 ~~XX~~ S W Duchesne County

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head -	Fresh or Salty -

1. No water zones tested or evaluated
2. _____
3. _____
4. _____
5. _____

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1744' FNL & 1342' FEL Section 20		8. FARM OR LEASE NAME Ellsworth	
		9. WELL NO. 1-20B4	
		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 20-T2S-R4W	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6436 KB	12. COUNTY OR PARISH Duchesne	13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Equip for gas lift ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Dec 10, 1976

BY: P. H. Russell

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Div. Oper. Engr.

DATE 12/7/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

*See Instructions on Reverse Side

INSTALL GAS LIFT EQUIP

SHELL OIL COMPANY

LEASE ELLSWORTH
DIVISION WESTERN
COUNTY DUCHESNE

WELL NO. 1-20B4
ELEV 6436 KB
STATE UTAH

FROM: 11/8 - 11/24/76

UTAH

ALTAMONT

Shell-Ellsworth 1-20B4
(Equip for gas lift)

NOV 08 1976

TD 11,762. PB 11,723. 11/4: "FR" AFE 421574 provides funds to equip well for gas lift. Well flowing. Cut wax. Backed well down with 30 bbls of diesel. Pulled dummy valves, had trouble locating top three mandrels. 11/5: Backed well down w/30 bbls diesel. Could not locate top 3 mandrels. Pum'd 40 bbls diesel. Located second & third valve approx 600' lower than they were supposed to be. 11/6: Pulled top two dummy valves & ran 7 live valves. Pulled collar stop. Turned to lease operator to put on gas lift.

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 71 BO, 51 BW,

NOV 09 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 211 BO, 149 BW, 496 MCF gas w/100 psi.

NOV 10 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 229 BO, 323 BW, 679 MCF gas w/250 psi.

NOV 11 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 123 BO, 188 BW, 490 MCF gas w/150 psi.

NOV 12 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

NOV 15 1976

TD 11,762. PB 11,723. On various tests well gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
11/12	24	105	118	244	1300
11/13	24	105	136	244	1300
11/14	24	108	165	244	1300

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24 hr test well gas lifted 87 BO, 62 BW, 340 MCF Gas w/1300 inj press. NOV 16 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24 hr test well gas lifted
94 BO, 45 BW, 244 MCF Gas w/1300 inj press.

NOV 17 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24 hr test well gas lifted
82 BO, 53 BW, 198 MCF gas w/1300 inj. press.

NOV 18 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 260 BO, 52 BW,
1072 MCF gas w/350 psi.

NOV 19 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
<u>11/19:</u>	24	220	150	687	150
<u>11/20:</u>	24	193	288	651	250
<u>11/21:</u>	24	135	328	723	200

NOV 22 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test, prod 190 BO, 406 BW,
723 MCF gas w/200 psi.

NOV 23 1976

Shell-Ellsworth 1-20B4
(Equip for gas lift)

TD 11,762. PB 11,723. On 24-hr test 10/30/76 before work,
prod 84 BO, 29 BW, 60 MCF gas w/100 psi. On 24-hr test
after work, prod 170 BO, 374 BW, 723 MCF gas w/200 psi.
FINAL REPORT

NOV 24 1976

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1744' FNL & 1342' FEL Section 20		8. FARM OR LEASE NAME Ellsworth
14. PERMIT NO.		9. WELL NO. 1-20B4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6436 KB		10. FIELD AND POOL, OR WILDCAT Altamont
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 20-T2S-R4W
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Duchesne
18. STATE Utah		

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) MO, CO, Perf & Stim

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other) MO, CO, Perf & Stim

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: May 6, 1978BY: [Signature]

See attachment

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]TITLE Div. Ops. Engr.DATE 5/25/78

(This space for Federal or State office use)

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS (for info) w/attachment

TITLE _____

DATE _____

MILL OUT, CLEAN OUT, PERF & STIM

ALTAMONT

SHELL OIL COMPANY

LEASE

ELLSWORTH

WELL NO.

1-20B4

DIVISION

WESTERN

ELEV

6436 KB

FROM: 3/14 - 4/21/78

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONTShell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

"FR" TD 12,762. PB 11,724. AFE #427407 provides funds to pull prod equip, mill out FA pkr, clean out to orig PBTD 12,667, perf & stim. MI&RU WOW #19. Left well SI overnight to get hot prod wtr into tanks before bleed'g off tbg.

MAR 14 1978

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. Bled tbg & csg press to bty & fin'd bleeding to pit. Pmp'd 100 BW down csg & 50 BW down tbg. Removed 5000# WH & installed BOP's. POOH LD gas mndrls. Pulled out wax cut'g tools & wire stuck @ 500'. RIH w/Bkr pkr picker. PU power swivel & SI for night.

MAR 15 1978

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. SIP 0. Latched into pkr @ 10,718 & started pmp'g wtr down tbg. Milled pkr up in 1-1/4 hrs. Circ'd hole clean & POOH. MI&RU slickline trk & RIH w/overshot. Latched onto wax cut'g tools on top of CIBP. Jar'd & fish came free; POOH & LD fish. RIH w/overshot & latched onto fish. Jar'd 30 mins & fish came free. POOH & LD 2nd set of wax cut'g tools. SD for night.

MAR 16 1978

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. RIH w/slickline & overshot & latched onto fish. Jar'd 5 mins & fish came free. POOH & LD 3rd set of wax cut'g tools. RIH w/impress blk; indicated no more wax cut'g tools in hole. RD slickline. PU 4-1/8 mill shoe w/3" ID & 1 jt 4" WP. RIH & tag'd CIBP @ 11,724. PU power swivel, obtained rev circ & milled 2 hrs; fell thru BP. Circ'd oil & gas out of hole. LD power swivel. SD for night.

MAR 17 1978

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. 3/17 TP 100#; bled to pit. Circ'd out gas & oil. PU tbg in sgls. PU power swivel & obtained rev circ. Milled 10' in 4 hrs; had problems w/plug'g off. Spt'd 20 bbls 15% HCl acid dbl-inh'd on btm & let soak 1/2 hr. Circ'd acid out of hole. Started mill'g; had problems w/circ & tbg plug'g off. LD power swivel & SD for night. 3/18 TP 0. POOH w/tbg; washover shoe worn out. RIH with 4-1/2 washover mill shoe & 1st of 4" WP. Tag'd @ 12,570. PU power swivel & started pmp'g down backside. Took 250 BW to get circ; circ'd out gas & oil. Milled 1' in 2 hrs. Circ'd tbg clean. Drained power swivel & SD for night.

MAR 20 1978

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. SITP 0. PU power swivel & circ'd gas & oil out of hole. Milled @ 12,571 3 hrs & made approx 2', get'g only approx 10% returns. Started POOH & SD for night.

MAR 21 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. No report.

MAR 22 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. SD for rig repairs.

MAR 23 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. Well SI.

MAR 27 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. Well SI.

MAR 28 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. Well SI for rig repairs.

MAR 29 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. 3/29 Bled csg & tbq to pit. Fin'd POOH; mill worn out. Started in hole w/4-1/2 wash-over mill shoe & 1 jt 4" WP. SI well for night.

MAR 30 1976

Shell-Ellsworth 1-20B4
(MO, CO, Perf & Stim)

TD 12,762. PB 11,724. Bled gas to pit & fin'd RIH; tag'd @ 12,571. PU power swivel & pmp'd down csg. Pmp'd 300 BW before hit'g fluid. Pmp'd oil & gas out of hole. Circ'd hole clean w/100 psi press. SI for night.

MAR 31 1976

Shell-Ellsworth 1-20B4
(Ac dz)

TD 12,762. PB 11,724. 3/31 Pmp'd 200 BW down csg. BJ pmp'd 18 bbls gelled wtr containing 1000# Divert II down csg & flushed to perfs. Rate decr'd to 3 B/M @ 00 psi. Started mill'g & press drop'd to 300 psi & rate incr'd to 6 B/M. When mill'g had problems w/circ. Milled 2 hrs & made no hole. RD BJ. Started pmp'g w/rig pmp. Pmp'd @ 6 B/M w/0 psi. LD power swivel & started POOH. 4/1 Pmp'd 400 BW down csg. BJ pmp'd 25 bbls gelled wtr containing 2000# Divert II down csg. Rate decr'd to 2 B/M @ 500 psi. Started mill'g & rate incr'd to 6 B/M @ 300 psi. Had problem w/circ. Milled 6 hrs & made approx 6'; get'g sml amt of returns. Pmp'd approx 3100 total BW. RD BJ. Pulled 2 stds & SD for night.

APR 03 1976

Shell-Ellsworth 1-20B4
(Ac dz)

TD 12,762. PB 11,724. Pmp'd 750 BW down csg. MI&RU BJ & circ'd gas & oil out of hole @ 8 B/M w/1000 psi. Milled 3 hrs & made 2' (mill seems to be worn out). Circ'd 45 mins & RD BJ. RD power swivel & LD 65 jts 2-7/8 tbq. Tbg started pull'g wet w/35 jts out of hole. RU sdline to swb tbq down. Swb'd tbq & pulled 5000' tbq out of hole. SD for night.

APR 04 1976

Shell-Ellsworth 1-20B4
(Ac dz)

TD 12,762. PB 11,724. No report.

APR 05 1976

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. 4/4 PMP; prt of BP stuck in mill. RIH w/new mill & tag'd fill @ 12,595. PU power swivel. BJ pmp'd 600 BW before get'g any returns. Pmp'd 300 bbls to get oil & gas out. Milled 2' & circ'd hole clean. 4/5 Pmp'd 700 BW before get'g any returns. Circ'd gas & oil out. Tag'd fill @ 12,596. Milled 4 hrs & made approx 2'; get'g only partial returns. Circ'd @ 8 B/M @ 500 psi 1 hr. LD power swivel & started POOH. APR 06 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. Finished POOH. RIH w/4-1/8 mill w/2-1/4" ID. Picked up power swivel and pumped down tbg. Spotted 500 gals. 15% HCl, double inhibited acid. Let acid soak for 30 mins. Pumped 700 bbls water down csg before getting any returns. Circ'd gas and oil out. Mixed 30 bbls gelled water (G-26). Pumped gel down csg w/3000# divert II at 8 B/M w/500 psi. When divert II hit press rate decreased to 3 B/M at 500 psi w/good returns. Milled while pumping divert down. Made approx 3'. Rate started increasing. Mixed 15 bbls gel (G-26) ad pumped down csg w/1000# divert II. Rate decreased and returns were fair. Made 1' and started losing returns. Could not unplug tbg. Pumped down and cleaned up tbg. Started pumping down csg to get circ again. Pumped 200 bbls before getting any returns. LD power swivel. RD BJ and started POOH. Milled for a total of 4 hours w/good circ. for 45 mins. ST APR 07 1978 overnight.

Shell-Ellsworth 1-20B4
(Ac dz)

APR 10 1978

TD 12,762. PB 11,724. 4/7 'd POOH MI&RU OWP. RIH w/3-1/8" csg gun & tag'd @ 12,573: Perf as follows w/1 hole per foot from bottom up: Run #1 - 12,567, 565, 538, 536, 534, 512, 490, 488, 484, 482, 474, 470, 466, 463, 443, 434, 432, 424, 423, 422, 416, 414, 403. (23' perforated for 23 holes.) Run #2 - 12,573, 386, 379, 369, 346, 344, 334, 332, 320, 293, 291, 264, 261, 260, 256, 238, 236, 215, 213, 205, 191, 178, 176. (23' perforated for 23 holes.) F.L. 3900'. (Cont'd) Run #3 - 12,174, 166, 163, 141, 140, 138, 114, 091, 089, 087, 075, 074, 072, 070, 058, 057, 055, 037, 031. (19' perforated for 19 holes.) F.L. 3800' Run #4 - 12,002, 11,966, 11,954, 953, 941, 937, 916, 914, 912, 909, 899, 897, 895, 863, 836, 813, 799, 779, 766, 747, 713, 711, 709. (23' perforated for 23 holes.) F.L. 3700 Run #5 - 11,702, 695, 680, 658, 656, 627, 614, 606, 591, 587, 586, 577, 575, 572, 568, 566, 562, 560, 558, 547, 542. (21' perforated for 21 holes.) F.L. 3600'. Run # 6 - 11,535, 532, 521, 518, 512, 503, 492, 490, 488, 486, 482, 480, 473, 467, 465, 457, 453, 452, 447, 445, 443, 425, 431. (23' perforated for 23 holes.) F.L. 3550'. Run #7 - 11,423, 11,421, 417, 415, 413, and gun misfired. (5' perforated for 5 holes.) F.L. 3450'. Run #8 - 11,401, 398, 394, 387, 385, 384, 374, 372, 370, 368, 366, 356, 355, 337, 325, 316, 305, 304, 297, 284, 261, 251, 240. (23' perforated for 23 holes.) F.L. 3300. SI ON. 4/8 Run #9 - 11,228, 226, 224, 222, 220, 216, 213, 207, 197, 189, 176, 174, 172, 170, 168, 166, 164, 162, 153, 143, 140, 138, 132, (23' perforated for 23 holes.) Run #10 - 11,125, 122, 118, 106, 079, 066, 060, 053, 046, 045, 042, 040, 038, 029, 019, 014, 002, 10,998, 10,991, 978, 966, 954. (22' perforated for 22 holes.) F.L. 3,000'. Run #11 - 10,939, 930, 922, 917, 900, 887, 874, 871, 869, 866, 864, 860, 859, 852, 848, 846, 836, 832, 830, 828, 810, 806. (22' perforated for 22 holes.) F.L. 2900'. Run #12 - 10,804, 802, 800, 798, 786, 784, 776, 756, 753, 750, 747, 740, 735, 730, 722. (15' perforated for 15 holes.) F.L. 2800'. Perf'd 10,722-12,573 for a total of 242 holes. RD OWP & RIH w/Bkr 5" full bore pkr w/unloading sub & +45 nip. Set pkr @ 10,712' w/16,000# tension & filled csg-tbg annulus w/wtr. Pmp'd SV down tbg. Press tested tbg. to 7000 psi and csg to 3000 psi, both held ok. MI&RU slick line trk. Installed BPV, removed BOP's & installed 10,000# WH. Removed BPV & SD for night.

Shell-Ellsworth 1-20B4
(Ac dz)

Shell-Ellsworth 1-20B4
(ac dz)

APR 12 1978

TD 12,762. PB 11,724. 36-hr SITP 750 psi. MI&RU WOW #19; problems w/bleeder. APR 11 1978

TD 12,762. PB 11,724. Press tested sfc lines to 9500 psi & csg to 3000 psi. Pmp'd 50,000 gals 7-1/2% HCl acid as per prog, 720 ball sealers (7/8" RCN w/1.2 sp gr) & 6000# acid flakes. Max press 7600 psi, min 6500, avg 6800. Max rate 17 B/M, min 16, avg 15. Flushed w/110 bbls prod wtr. ISIP 3800 psi, 5 mins 1500, 10 mins 600, 15 mins 300, 45 mins vac. Held 3000 psi on backside thruout job; no indication of communication across pkr. MI&RU OWP & ran temp log from 12,500-10,600. Ran GR log from 12,525-10,600; log indicated most zones took fluid. Removed 10,000# WH & installed BOP's. Released Bkr full bore pkr & started out of hole w/tbg. SD for night.

Shell-Ellsworth 1-20B4
(Acdz)

APR 13 1978

TD 12,762. PB 11,724. Set 7" pkr full bore pkr w/8 gas
mndrls w/valves @ 10,650 w/16,000# tension. Removed BOP's
& installed 5000# WH. Hooked up to flwline & turned
well over to prod. Unable to RD due to high winds;
prep to RD 4/13/78.

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. Gauge not available. APR 14 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. On 17-hr test, gas lifted 498 BO,
338 BW, 998 MCF gas w/1250 psi inj press. APR 17 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. On 24-hr test, gas lifted 724 BO,
460 BW, 998 MCF gas w/1350 psi inj press. APR 18 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. On 24-hr test, gas lifted 710 BO,
258 BW, 1477 MCF gas w/1350 psi inj press. APR 19 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. On 24-hr test, gas lifted 990 BO,
382 BW, 1913 MCF gas w/1350 psi inj press. APR 20 1978

Shell-Ellsworth 1-20B4
(Acdz)

TD 12,762. PB 11,724. Schl ran prod log. Log indicates
large thief zone @ 11,230; fluid moving up to the thief
zone from 12,250; fluid moving down to the thief zone from
11,120 & 11,170. Log also indicates fluid to be moving to
sfc from 11,045 & from 10,800 to 10,850. Largest entry @
10,800 to 10,850. RD Schl & returned well to prod.
FINAL REPORT

APR 21 1978

Form OSG-16

PRINT IN TRIPLICATE*
(Other instructions on reverse side)

OCT 21 1983

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

DIVISION OF OIL, GAS & MINING
GENERAL NOTICE AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Shell Oil Company ATTN: C. A. Miller 6494 WCK.	
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1744' FNL & 1342' FEL Sec. 20	
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, GR, etc.) KB 6436'

5. LEASE DESIGNATION AND SERIAL NO. Patented	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Ellsworth	
9. WELL NO. 1-20B4	
10. FIELD AND POOL, OR WILDCAT Altamont	
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 20 T2S-R4W SW/4 NE/4	
12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Current Status: Currently producing 102 BOPD, 311 BWPD + 144 MCFPD from the Wasatch (10,722'-12,667').

Proposed Work: Clean out and acid treat the Wasatch (10,722'-12,588') with 36,000 gallons 7-1/2% HCL.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. A. Miller

TITLE

Div. Oper. Engr.

DATE

10/18/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

PRINT IN TRIPLICATE*
 (other instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company ATTN: C. A. Miller 6494 WCK.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1744' FNL & 1342' FEL Sec. 20		8. FARM OR LEASE NAME Ellsworth
14. PERMIT NO.		9. WELL NO. 1-20B4
15. ELEVATIONS (Show whether OF, RT, GR, etc.) KB 6436'		10. FIELD AND FOOT, OR WILDCAT Altamont
		11. SEC., T., R., M., OR S.W. AND SURVEY OR AREA Sec. 20 T2S R4W SW/4 NE/4
		12. COUNTY OR PARISH 13. STATE Duchesne Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☒
☐

FRACTURE TREATMENT

REPAIRING WELL

SHOOTING OR ACIDIZING

ALTERING CASING

(Other)

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
 Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

COMPLETED OPERATIONS
 (10/11-24/83)

Cleaned out and acid treated Wasatch (10,722'-12,588')
 with 36,000 gallons 7-1/2% HCL. Returned well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

Div. Oper. Engr.

DATE

10/25/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE: UTAH
FIELD: ALTAMONT

WELL: ELLSWORTH 1-20B4

LABEL: FIRST REPORT
WO NO.: 587877
FOREMAN: B.J. THOMPSON
RIG: WOW 26
AUTH. AMNT: 15000
DAILY COST: 1233
CUM. COST: 1233
TYPE OF JOB: CLEAN OUT AND CONVERT TO BEAM PUMP
OBJECTIVE: WASATCH

DATE(S): 10-11-83
PRESENT STATUS: POOH W/ TBG
LATEST TEST: SEPT AVE 103 OIL 312 WTR

ACTIVITY: MIRU WOW 26 HOOK UP TO BLED WELL STRIP PUMPING
02 UNIT TO GIVE WORK ROOM SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: ELLSWORTH 1-20B4

LABEL: -----
WO NO.: 587877
FOREMAN: B.J. THOMPSON
RIG: WOW 26
AUTH. AMNT: 15000
DAILY COST: 2467
CUM. COST: 3700
TYPE OF JOB: CLEAN OUT AND CONVERT TO BEAM PUMP
OBJECTIVE: WASATCH

DATE(S): 10-12-83
PRESENT STATUS: POOH W/ TBG

ACTIVITY: BLED WELL PUMP 50 BBLs WTR DOWN TBG REMOVE TREE
02 INSTALL BOP P/U AND REMOVE HANGER HANGER STUCK
03 IN SPOOL PULL 135000 LB WOULD NOT MOVE W/O HOT OILER
04 HEAT SPOOL WHILE PULLING 130000 LB WOULD NOT MOVE
05 REMOVE BOP C/O TOP OF SPOOL SOAK W/ PENT OIL
06 LET SOAK PULL AND JAR W/ HAMMER NO SUCCESS SHOVEL
07 SAND FROM CELLAR BELOW CSG FLANGE SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: ELLSWORTH 1-2084

LABEL: -----
WD NO.: 587877
FOREMAN: B.J. THOMPSON
RIG: WOW 26
AUTH. AMNT: 15000
DAILY COST: 2517
CUM. COST: 6217
TYPE OF JOB: CLEAN OUT AND CONVERT TO BEAM PUMP
OBJECTIVE: WASATCH

DATE(S): 10-13-83
PRESENT STATUS: POOH W/ TBG

ACTIVITY: TRY TO PICK UP ON TBG HANGER STILL STUCK PUMP
02 DOWN CSG AND TBG TO MAKE SURE WELL IS DEAD REMOVE
03 COMPANION FLANGES AND NIPPLE DOWN TBG SPOOL PUT
04 SLIPS UNDER SPOOL AND REMOVE TRY TO INSTALL 6 IN
05 WOULDNT WORK FORCED TBG OUT OF HANGER REINSTALLED
06 HANGER STRIP OVER BOPS AND TEST POOH W/ TBG
07 TO 2000 FT SDON
08 77

STATE: UTAH
FIELD: ALTAMONT

WELL: ELLSWORTH 1-2084

LABEL: -----
WD NO.: 587877
FOREMAN: B.J. THOMPSON
RIG: WOW 26
AUTH. AMNT: 15000
DAILY COST: 5253
CUM. COST: 21661
TYPE OF JOB: CLEAN OUT AND CONVERT TO BEAM PUMP
OBJECTIVE: WASATCH

DATE(S): 10-17-83
PRESENT STATUS: PRESS TEST TBG

ACTIVITY: BLEED WELL POOH W/ MILL RIH W/ 7 IN
02 26 MTS ST
03 HD PKR AND SN TO 10633 FT FLUSH TBG DROP STANDING
04 VALVE PRESS TBG TO 4500 LBS OK RIH W/ SAND LINE COULD
05 NOT GET PAST 7500 FT POOH TOOLS FULL OF PARAFFIN
06 SDON

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

ELLSWORTH 1-20B4

LABEL:
WD NO.:
FOREMAN:
RIG:
AUTH. AMNT:
DAILY COST:
CUM. COST:
TYPE OF JOB:
OBJECTIVE:

587877
B.J. THOMPSON
WOW 26
15000
3519
25180
CLEAN OUT AND CONVERT TO BEAM PUMP
WASATCH

DATE(S):
PRESENT STATUS:

10-18-83
POOH W/ TBG

ACTIVITY:

02
03
04
05
06
07
08

BLEED WELL PUMP 200 BBLs HOT WTR DOWN CSG R/U DELSCO
RIH W/ S V RET TOOL STACKED OUT AT 8020 FT SPUD
THRU STACKED OUT 8219 FT COULDN'T PULL JAR SEVERAL
TIMES PULLED OUT OF ROPE SOCKET POOH LEFT JARS AND
BAR RIH ON SAND LINE CATCH FISH JAR PULL 15000 LBS
SHEAR SAFETY PIN POOH POOH W/ WET TBG FISH IN 264
JT WAS BENT 77 JTS BELOW ARE COATED W/ SCALE RIH
TO 10607 FT SDON

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

ELLSWORTH 1-20B4

LABEL:
WD NO.:
FOREMAN:
RIG:
AUTH. AMNT:
DAILY COST:
CUM. COST:
TYPE OF JOB:
OBJECTIVE:

587877
B.J. THOMPSON
WOW 26
15000
23666
48846
CLEAN OUT AND CONVERT TO BEAM PUMP
WASATCH

DATE(S):
PRESENT STATUS:

10-19-83
POOH W/ TBG

ACTIVITY:

02
03
04
05

FIN RIH W/ TBG SET PKR AT 10603 FT PRESS TEST CSG
TO 1500 LBS R/U NOWSCO ACID TREAT W/ 36000 GAL
HCL AT 15.3 RPM W/ AVE PRESS 7200 LBS FLUSH W/
100 BBLs WTR WENT ON VACUUM RD
NOWSCO RELEASE PKR POOH W/ 4000 FT TBG SDON

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

ELLSWORTH 1-20B4

LABEL:

WO NO.:

587877

FOREMAN:

B.J. THOMPSON

RIG:

WOW 26

AUTH. AMNT:

15000

DAILY COST:

2051

CUM. COST:

50897

TYPE OF JOB:

CLEAN OUT AND CONVERT TO BEAM PUMP
WASATCH

OBJECTIVE:

DATE(S):

10-20-83

PRESENT STATUS:

RUN RODS

ACTIVITY:

02

FIN POOH LAY DOWN 7 IN PKR
RIH W/ POOR BOY

03

TYPE ANCHOR 7 IN

04

26 HIGHLAND TAC SN +45 SET AT 10615 W/ 20000

05

LBS TENSION LAND TBG RIH W/ 2 1/2 X 1 1/2 IN

06

HIGHLAND PUMP AND 231 3/4 IN RODS

STATE: UTAH
FIELD: ALTAMONT
WELL: ELLSWORTH 1-20B4
LABEL: -----
WO NO.: 587877
FOREMAN: B.J. THOMPSON
RIG: WOW 26
AUTH. AMNT: 15000
DAILY COST: 2176 & 2302
CUM. COST: 53073 & 55375
TYPE OF JOB: CLEAN OUT AND CONVERT TO BEAM PUMP
OBJECTIVE: WASATCH

DATE(S): 10-21-83
PRESENT STATUS: RUNNING RODS AND PUMP

ACTIVITY:
#02* 6-7 AM CREW TRAVEL. BLEED GAS OFF WELL. RIH W/102
#03* 7/8 IN. RODS AND 45 1 IN. RODS. TO 9300 FT.
#04* WHERE PUMP HUNG UP AND WOULD NOT GO ANY FURTHER. TRY
#05* TO SPUD THROUGH WOULD NOT GO. POOH W/RODS AND PUMP
#06* X-OVER TO TBG. EQUIP. RD ROD SURFACE EQUIP. INSTALL
#07* BOPE. RELEASED T A C POOH W/TBG. AND T A C MT.
#08* STATES. NEW T A C 7 IN. RIH TO 3000 FT. CIWFN.
#09* RIG TOTAL 2125.90 CUM COST 19012.65
#10* 10-22-83 BLEED GAS OFF WELL. WOULD NOT DIE. PUMP
#11* TO KILL TBG. 60 BBLs. RIH W/ 1/2 OF TBG. 5000 FT.
#12* FLUSH PARRAFIN W/HOT WTR. FINISH RIH TO 10647 FT.
#13* DRIFT LAST 18 STDS. FOUND 3 JTS. W/ BAD SCALE
#14* DRIFT WOULD NOT GO THROUGH. REPLACE BAD JTS. RE-
#15* MOVE BOPE. SET 7 IN. T A C AT 10615 FT. W/21000
#16* LB. TENSION. HANG TBG. X-OVER TO ROD EQUIP. INSTALL
#17* ROD WELLHEAD EQUIP. RIH W/PUMP AND 378 RODS FROM
#18* DERRICK. FINISH PICKING UP REST OF 1 IN. RODS. TAG
#19* PSN. SPACE OUT INSTALL POLISH ROD AND REST OF
#20* SURFACE EQUIP. FILL TBG. AND PRESS. TEST PSN TO
#21* 1000 PSI. OK. CIWFN. FINAL ROD DETAIL 213 3/4 IN.
#22* 102 7/8 IN. 88 1 IN. ONE 2 FT X 1 IN. ONE 4 FT. X 1 IN.
#23* TWO 6 FT. X 1 IN. PONY RODS. FINAL TBG. 340 STDS
#24* PSN TAC. SLOTTED GAS ANCHOR.
#25* DAILY RIG COST 2063.40 RIG CUM. 21076.05
10-23-83 ACTIVITY SUNDAY.

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

ELLSWORTH 1-20B4

LABEL:
WO NO.:
FOREMAN:
RIG:
AUTH. AMNT:
DAILY COST:
CUM. COST:
TYPE OF JOB:
OBJECTIVE:

FINAL REPORT
587877
B.J. THOMPSON
WOW 26
15000
675
56050
CLEAN OUT AND CONVERT TO BEAM PUMP
WASATCH

DATE(S):
PRESENT STATUS:

10-24-83
RIG DOWN

ACTIVITY:
02
03

BLED TBG LIFT WALKING BEAM INSTALL PITMAN BRACES
CLAMP OFF PUMP OK RIG DOWN
7 DAYS TEST DATA TO FOLLOW

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

PERMIT IN TRIPLICATE 010901A
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

ANR Limited Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any other requirements.
See also space 17 below.)
At surface

See attached list

RECEIVED
DEC 31 1986

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.

43-013-30351

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

Sec. 20 2s 4w
Duchesne

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

TITLE

TITLE

DATE

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address

UTEX OIL CO.
% SHELL WESTERN E&P INC.PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.Operator name
change

Utah Account No. N0840

Report Period (Month/Year) 8 / 8-

Amended Report ☐

Well Name	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
ELLSWORTH 1-20B4							
4301330351	01900 02S 04W 20		WSTC	31	2018	6500	10631
LAWSON 1-28-AT							
4301330358	01901 01S 01W 28		WSTC	31	1511	0	814
ELDER 1-13B2							
4301330366	01905 02S 02W 13		WSTC	31	4170	3861	5105
TRIOTRY 1-08B1E							
4304730215	01910 02S 01E 8		WSTC	31	3311	3401	610
UTE #1-3222							
4301330379	01915 01N 02W 32		WSTC	25	1004	1919	1201
UTE TRIBAL 1-25A3							
4301330370	01920 01S 03W 25		WSTC	31	514	731	88
UTE TRIBAL 1-31A2							
4301330401	01925 01S 02W 31		WSTC	31	1030	1440	812
UTE 1-25B6							
4301330439	01930 02S 06W 25		WSTC	13	718	1045	938
FARNSWORTH 2-07B4							
4301330470	01935 02S 04W 7		WSTC	25	1946	2578	7700
UTE 1-30B6							
4301330502	01940 02S 06W 36		WSTC	31	2900	2576	2348
ALTAMONT 1-15A3							
4301330529	01945 01S 03W 15		WSTC	25	2964	4803	2755
UTE SMITH 1-30B5							
4301330521	01950 02S 05W 30		WSTC	31	1723	2906	4379
SMITH 1-31B5							
4301330577	01955 02S 05W 31		WSTC	28	1321	2235	5664
TOTAL					25130	34005	43045

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 9-28-84

Authorized signature

Telephone

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

RECEIVED
JAN 25 1988

012712

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks
Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,

I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
BROTHERSON 1-26B4			WSTC				
4301330336 01856 02S 04W 26			WSTC				
SHELL UTE 1-21B5			WSTC				
4301330262 01860 02S 05W 21			WSTC				
HANSON TRUST 1-29A3			WSTC				
4301330314 01861 01S 03W 29			WSTC				
BROTHERSON 1-24B4			WSTC				
4301330229 01865 02S 04W 24			WSTC				
UTE 1-12B6			WSTC				
4301330268 01866 02S 06W 12			WSTC				
TEW 1-1B5			WSTC				
4301330264 01870 02S 05W 1			WSTC				
MEAGHER EST 1-20B2E			WSTC				
4304730186 01875 02S 02E 20			WSTC				
WHITEHEAD 1-22A3			WSTC				
4301330357 01885 01S 03W 22			WSTC				
UTE TRIBAL 1-26A3			WSTC				
4301330348 01890 01S 03W 26			WSTC				
UTE 1-06B2			WSTC				
4301330349 01895 02S 02W 6			WSTC				
ELLSWORTH 1-20B4			WSTC				
4301330351 01900 02S 04W 20			WSTC				
LAWSON 1-28-A1			WSTC				
4301330358 01901 01S 01W 28			WSTC				
ELLSWORTH #2-20B4			WSTC				
4301331090 01902 02S 04W 20			WSTC				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals. JAN 03 1994

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Ellsworth #1-20B4

9. API Well Number:

43-013-30351

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1744' FNL & 1342' FEL

QQ, Sec., T., R., M.: SW/NE Section 20, T2S-R4W

County: Duchesne

State: Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandonment ☐ New Construction
☒ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recompletion
☐ Conversion to Injection ☒ Shoot or Acidize
☐ Fracture Treat ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☒ Other Clean Out to PBTD

Approximate date work will start 1/28/94

SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandonment * ☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Shoot or Acidize
☐ Conversion to Injection ☐ Vent or Flare
☐ Fracture Treat ☐ Water Shut-Off
☐ Other

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure to pull and replace the 7" casing (as necessary), clean out to PBTD and acidize the entire Wasatch formation @ 10,722'-12,665'. The well is currently shut-in with a casing leak or parted casing @ 6600'.

APPROVED BY THE STATE
OF UTAH
DIVISION OF
OIL, GAS, AND MINING

DATE: 1-5-94
BY: [Signature]

13.

Name & Signature:

Joe Adamski

Title:

Environmental &
Regulatory Analyst

Date: 12/29/93

(This space for State use only)

WORKOVER PROCEDURE

Ellsworth 1-20B4
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1744' FNL & 1342' FEL
Elevation: 6408' GL, 6436' KB
Total Depth: 12,762' PBD: 12,667'
Casing: 9-5/8" 36# K-55 LT&C set @ 6416'
7" 26# S-95 LT&C set @ 10,899
5" 18# S-95 set @ 10,702-12,761', cmtd w/540 sx
Tubing: 2-7/8" 6.5# N-80 EUE, 8RD tubing @ 9271'

TUBULAR DATA

Description	ID	Drift	B/F Capacity	psi Burst	psi Collapse
7", 26#, S-95	6.276"	6.151"	0.0382	8600	7800
5", 18#, S-95	4.276"	4.151"	0.0177	13940	13450
2-7/8", 6.5#, N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Well shutin with anomaly in 7" casing @ 6600'. 5" RBP @ 10,794'. Present perforations 10,722-12,665'.

PROCEDURE

1. MIRU completion unit. ND tubing head and NU and test 10" 5K BOP to 5000 psi. POOH with tubing. Spear 7" casing and determine freepoint of casing. If freepoint of casing is above 6600', then proceed to step 6. If casing is not parted, cut casing @ 6600'.
2. Displace 9-5/8" X 7" annulus with 10# mud. POOH laying down and numbering 7" casing.
3. PU 8-3/4" mill on 2-7/8" tbg and TIH to 6600' and dress up top of 7" casing. Circulate and condition hole with 10# mud. POOH with mill and tubing.
4. PU and run 6600' of 7", 26#, S-95 casing with Bowen lead seal external casing patch with stage collar directly above the casing patch.
5. Circulate hole with drilling mud until mud cleans up. Cement casing with the following:

30 barrels mud flush followed by 225 sx High Fill Standard w/ 4% CaCl₂, 1% Econolite, .5 lb./sk Flocele, .4% HALAD 413, & 16% HOWCO gel followed by 500 sx Premium cement w/ 2% CaCl₂. Displace cement to stage tool with 252 bbls. fresh water. Close stage tool with rubber plug. Land casing with 40,000# over casing weight. Dress casing and NU tubing head. W.O.C. 24 hours. Proceed to step 9.

6. Re-land casing and NU tubing head. Hot oil well until all paraffin is removed. Run wireline gauge ring to 8000'. Wireline set EZSV @ 6300'. PU stinger on 2-7/8" tubing and TIH to 6300'. Sting into retainer and establish circulation up 9-5/8" X 7" annulus with 150°F water.
7. Cement 9-5/8" X 7" casing annulus as follows:

30 barrels mud flush followed by 225 sx High Fill Standard w/ 4% CaCl₂, 1% Econolite, .5 lb./sk Flocele, .4% HALAD 413, & 16% HOWCO gel followed by 500 sx Premium cement w/ 2% CaCl₂ displacing cement to retainer with 23 bbls. fresh water. Squeeze cement if possible. Sting out of retainer and reverse tubing. If cement did not circulate to surface, pump 100 sx Premium cement w/ 2% CaCl₂ through braden head.
8. Sting out of retainer and POOH with tubing and stinger. W O C 48 hrs.
9. PU 6-1/8" cement mill on 2-7/8" tbg and TIH to top of cement or cement retainer. Drill out retainer and cement in casing. Press test casing to 2,000 psi. POOH with mill.
10. PU short catch retrieving head and TIH to 10,794'. Circulate sand off RBP. Circulate hole with filtered biocide water. Retrieve RBP and POOH laying down RBP.
11. PU 4-1/8" cement mill on 2-3/8" X 2-7/8" tbg and TIH to PBTD of 12,667'. POOH laying down mill.
12. PU 5" X 2-7/8" packer on 2-7/8 X 3-1/2" tubing and TIH setting packer @ ±10,800'.
13. Acidize Wasatch perfs 10,722-12,665' with 27,000 gals 15% HCl with additives and 1500 l.l s.g. ball sealers.
 - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 50 bbls. diesel.
 - B. All water to contain 3% KCl.
 - C. Acidize in 9 stages of 3000 gals each with diverter stages of 1500 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid to be pumped at maximum rate possible @ 8500 psig maximum pressure.
 - E. All fluids to be heated to ±150°F.
14. Flow back acid load. Unseat pkr and POOH, laying down packer.
15. Rerun production equipment and return well to production.

ELLSWORTH #1-20B4

SECTION 20-T2S-R4W
ALTAMONT FIELD

DUCHESNE CO., UTAH

SURFACE CASING: 9-5/8", 36#, K-55 LT&C SET @ 6416'

PARTED CASING @ 6600'

INTERMEDIATE CASING: 7", 26# S-95, LT&C SET @ 10,899'

TOP OF CEMENT @ 9550'

XXX

XXX

X

X

PRODUCTION LINER: 5", 18#, S-95 SET @ 10,702-12,761'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING @ 9,271'

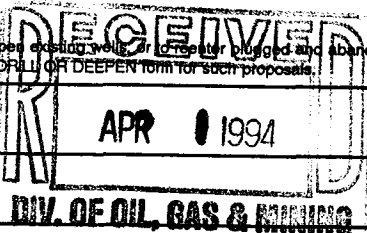
WASATCH PERFS: 10,722'-12,665'
TOTAL 983 HOLES

TD @ 12,762' PBD @ 12,588'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to repair plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.



1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:
ANR Production Company

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1744' FNL & 1342' FEL

QQ, Sec., T., R., M.: SW/NE Section 20-T2S-R4W

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Ellsworth #1-20B4

9. API Well Number:

43-013-30351

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion 2/16/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the csg repair and acidize procedure performed on the subject well.

13.

Name & Signature: Joe Adamski/sab

Joe Adamski
Environmental Coord.

Title: _____ Date: 3/30/94

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 1

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998
TD: 12,762' PBD: 12,667'
5" LINER @ 10,702'-12,761'
PERFS: 10,722'-12,665' (WASATCH)
CWC(M\$): 183.0

- 1/27/94 ND WH, prep to pull tbg.
MIRU. POOH w/rods. RU tbg equip. CC: \$2,353
- 1/28/94 Running freepoint on 7" csg.
ND WH, NU 6" BOP. POOH w/tbg & BHA. ND 6" BOP & tbg head. RU csg
jacks. Welded 18' stub onto 7" csg. PU on 7" csg to 345,000# &
slips came out. CC: \$9,166
- 1/29/94 Prep to displace hole w/10 ppg mud.
RU Cutters. Freepoint 7" csg - 100% free @ 6400', 2% free @ 6500'.
WL showed 7" csg was parted 6592'-6596'. RD Cutters. Started
jacking csg out of hole, took 367,000# to start - weight came down to
230,000# right away. POOH LD 4 jts 7" csg using jacks - weight came
down to 140,000#. LD 4 jts. RD csg jacks. CC: \$19,166
- 1/30/94 POOH & LD 7" csg.
Displaced hole w/450 bbl 10# mud. POOH LD 8 jts 7" csg. CC: \$25,540
- 1/31/94 WO csg to be repaired.
LD 157 jts 7" csg w/split collar on btm of last jt. (LD total of 165
jts csg, 6580'.) CC: \$33,742
- 2/1/94 WO csg repair. CC: \$33,742
- 2/2-6/94 WO csg repair. Should be finished by Tuesday, 2/8/94. CC: \$33,742
- 2/7/94 RU equip to run csg.
PU & RIH w/8 1/2" shoe, w/7 1/4" mill in the top, and jars. RIH w/tbg,
tagged top of 7" csg @ 6608'. Milled 1' off top of 7" csg to 6609'.
POOH w/tbg & BHA. CC: \$40,342
- 2/8/94 RIH w/7" csg.
PU & RIH w/7" external csg patch, 7" DV collar & 138 jts 7" csg to
5410'. CC: \$50,303
- 2/9/94 Evaluating csg buckling effects prior to cmt'g.
PU & RIH w/31 jts 7" csg. ND 10" BOP. Run down to top of 7" csg
stub, slipped over csg w/patch @ 6609' - unable to get patch latched
onto csg stub - acted like grapple was broken. Set 10,000# down on
patch. RU Cutters. RIH w/sand in bailer, logged thru DV tool &
patch - showed patch over csg stub. RIH & tagged fill @ 10,445'.
Dumped sand on fill. POOH & RD Cutters. Landed csg on slips
w/10,000# compression. CC: \$87,095
- 2/10/94 WOC.
Cut csg off, NU & pack off tbg spool. RU Halliburton. Dropped dart
& open DV tool @ 950 psi. Circ hole w/250 bbls 10# mud. Pmpd 30 bbl
mud flush & 10 BFW. Cmt'd 7" patch & csg @ 6609' with 400 sx Hi-Fill
cmt (272 bbls, 11 ppg) & 200 sx Neat cmt (42 bbls, 15.6 ppg).
Dropped plug. Pmpd 10 BFW & 242 bbls mud & bumped plug & closed DV
tool w/3000 psi - bled pressure off, tool held. Pressure back up to
800 psi. RD Halliburton. Note: Had 116 bbls excess cmt - got 60
bbls cmt back to sfc. CC: \$114,080
- 2/11/94 WOC. CC: \$114,080

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998

PAGE 2

- 2/12/94 RIH w/tbg.
ND cmt head, NU 6" BOP. RIH w/6 $\frac{1}{8}$ " tooth bit, tagged cmt @ 6585'.
DO cmt to DV tool @ 6605'. Drld out DV tool. RIH w/tbg to 6689',
never hit anything below DV tool. Circ hole clean. PT csg to 2000
psi, held. CC: \$117,254
- 2/13/94 Evaluating csg condition.
RIH w/tbg, stacked out @ 6937'. Unable to work & rotate tbg deeper.
POOH w/tbg & bit. Bit did not show anything. PT csg to 2000 psi,
held. RIH w/6 $\frac{1}{8}$ " impression block to 6937'. Set 10,000# down on
impression block. POOH w/tbg & impression block. Looked like csg
was parted & offset by 1". CC: \$120,764
- 2/14/94 Evaluating csg condition.
RU Cutters. Run CBL from 9700' to 6300'. RD Cutters. Had good bond
across patch @ 6609'. Log showed 7" csg part @ 6937' (tbg) w/no cmt
across parted area. CC: \$127,913
- 2/15/94 RIH w/rods, prep to suspend operations.
RIH w/2 $\frac{7}{8}$ " solid plug, perf jt & tbg to 6159'. LD 80 jts tbg. RIH
w/tbg. Landed tbg on hanger w/EOT @ 6790'. ND BOP, NU WH. RIH w/4
- 1" & 51 - $\frac{3}{4}$ " rods. CC: \$130,663
- 2/16/94 Operations suspended.
RIH w/69 - $\frac{3}{4}$ " rods. POOH, LD 99 - $\frac{3}{4}$ " rods. RIH w/119 - $\frac{7}{8}$ ", 122 -
1" rods & polished rod. RD rig, MO. Will evaluate economics to
repair csg part & finish work. Drop from report. CC: \$145,506

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:
ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well

Footages: 1744' FNL & 1342' FEL

QQ, Sec., T., R., M.: SW/NE Section 20-T2S-R4W

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Ellsworth #1-20B4

9. API Well Number:

43-013-30351

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start 6/11/94

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

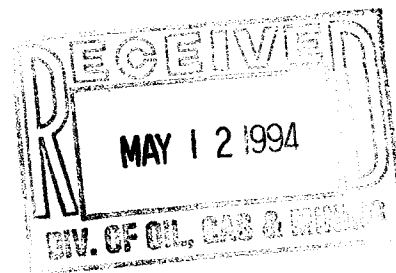
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure to repair casing and acidize the subject well.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-16-94
BY: J. A. Shiflett



13.

Name & Signature: J. A. Shiflett

N.O. Shiflett

Title: Dist. Drlg. Mgr.

Date: 5/11/94

(This space for State use only)

WORKOVER PROCEDURE

Ellsworth 1-20B4
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1744' FNL & 1342' FEL
Elevation: 6408' GL, 6436' KB
Total Depth: 12,762' PBD: 12,667'
Casing: 9-5/8" 36# K-55 LT&C set @ 6416'
7" 26# S-95 LT&C set @ 10,899
5" 18# S-95 set @ 10,702-12,761', cmtd w/540 sx
Tubing: 2-7/8" 6.5# N-80 EUE, 8RD tubing @ 9271'

TUBULAR DATA

Description	ID	Drift	B/F Capacity	psi Burst	psi Collapse
7", 26#, S-95	6.276"	6.151"	0.0382	8600	7800
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2-7/8", 6.5#, N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Well shutin with parted 7" casing @ 6920', casing part repaired @ 6600', and 5" RBP @ 10,794'. Present perforations 10,722-12,665'.

PROCEDURE

1. MIRU completion unit. POOH with rods and tubing. PU 6-1/8" swedge on 2-7/8" tubing and TIH. Swedge out and align casing at 6920'. POOH laying down swedge.
2. PU 7" X 2-7/8" retrieveable packer on 2-7/8" tubing and TIH to 6900' and set packer. Breakdown formation with filtered production water. Release packer and POOH.
3. PU and run Halliburton casing alignment tool setting across casing part at 6920'. Establish pumpin rate with filtered production water.
4. Cement casing with the following:
60 sx Premium cement w/ .4% Halid-344. Displace cement to alignment tool with 39.5 bbls. fresh water. Sting out of retainer and spot 3 sx. cement on top of retainer. POOH to 6700' and reverse tubing. POOH with tubing. W.O.C. 24 hours.
5. PU 6-1/8" mill tooth bit on 2-7/8" tbg and TIH to top of cement or cement retainer. Drill out retainer, alignment tool, and cement in casing. Press test casing to 2,000 psi. POOH with bit. Resqueeze casing part if necessary.
6. PU short catch retrieving head and TIH to 10,794'. Circulate sand off

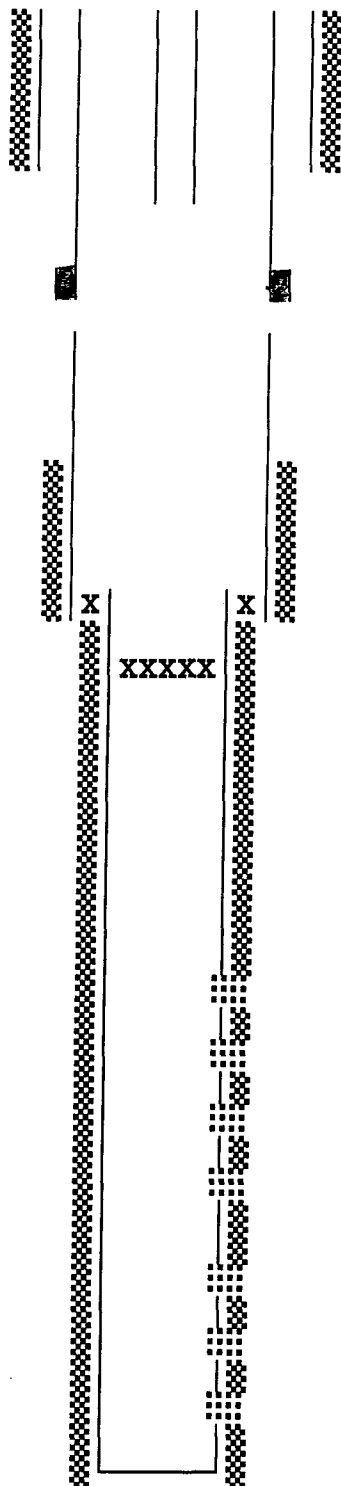
RBP. Retrieve RBP and POOH laying down RBP.

7. PU 4-1/8" cement mill on 2-3/8" X 2-7/8" tbg and TIH to PBTD of 12,667'. POOH laying down mill.
8. PU 7" X 3-1/2" packer on 3-1/2" tubing and TIH setting packer @ $\pm 10,600'$.
9. Acidize Wasatch perfs 10,722-12,665' with 27,000 gals 15% HCl with additives and 1500 1.1 s.g. ball sealers.
 - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 50 bbls. diesel.
 - B. All water to contain 3% KCl.
 - C. Acidize in 5 stages of 5000 gals each and one stage of 2000 gals with diverter stages of 2000 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid to be pumped at maximum rate possible @ 8500 psig maximum pressure.
 - E. All fluids to be heated to $\pm 150^{\circ}\text{F}$.
10. Flow back acid load. Unseat pkr and POOH, laying down packer.
11. Rerun production equipment and return well to production.

ELLSWORTH #1-20B4

SECTION 20-T2S-R4W
ALTAMONT FIELD

DUCHESNE CO., UTAH



SURFACE CASING: 9-5/8", 36#, K-55 LT&C SET @ 6416'

REPAIRED PARTED CASING @ 6600'
PARTED CASING @ 6920'

INTERMEDIATE CASING: 7", 26# S-95, LT&C SET @ 10,899'

TOP OF CEMENT @ 9550'

PRODUCTION LINER: 5", 18#, S-95 SET @ 10,702-12,761'
RBP @ 10,794'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING @ 9,271'

WASATCH PERFS: 10,722'-12,665'
TOTAL 983 HOLES

TD @ 12,762' PBSD @ 12,588'

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP 23 1994

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Ellsworth #1-20B4

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-30351

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages:

1744' FNL & 1342' FEL

County:

Duchesne

QQ, Sec., T., R., M.:

SW/NE Section 20-T2S-R4W

State:

Utah

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO | |

Date of work completion 7/5/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

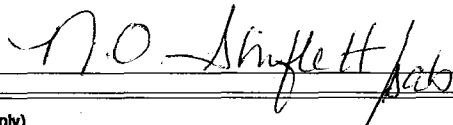
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed in the subject well.

13.

Name & Signature:



N.O. Shiflett

Title: District Drilling Manager

Date:

09/20/94

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)

PAGE 1

ALTAMONT FIELD

DUCHESNE COUNTY, UT

WI: 75.0% ANR AFE: 64998

TD: 12,762' PBD: 12,667'

5" LINER @ 10,702'-12,761'

PERFS: 10,722'-12,665' (WASATCH)

CWC(M\$): 183.0

- 1/27/94 ND WH, prep to pull tbg.
MIRU. POOH w/rods. RU tbg equip. CC: \$2,353
- 1/28/94 Running freepoint on 7" csg.
ND WH, NU 6" BOP. POOH w/tbg & BHA. ND 6" BOP & tbg head. RU csg
jacks. Welded 18' stub onto 7" csg. PU on 7" csg to 345,000# &
slips came out. CC: \$9,166
- 1/29/94 Prep to displace hole w/10 ppg mud.
RU Cutters. Freepoint 7" csg - 100% free @ 6400'. 2% free @ 6500'.
WL showed 7" csg was parted 6592'-6596'. RD Cutters. Started
jacking csg out of hole, took 367,000# to start - weight came down to
230,000# right away. POOH LD 4 jts 7" csg using jacks - weight came
down to 140,000#. LD 4 jts. RD csg jacks. CC: \$19,166
- 1/30/94 POOH & LD 7" csg.
Displaced hole w/450 bbl 10# mud. POOH LD 8 jts 7" csg. CC: \$25,540
- 1/31/94 WO csg to be repaired.
LD 157 jts 7" csg w/split collar on btm of last jt. (LD total of 165
jts csg, 6580'.) CC: \$33,742
- 2/1/94 WO csg repair. CC: \$33,742
- 2/2-6/94 WO csg repair. Should be finished by Tuesday, 2/8/94. CC: \$33,742
- 2/7/94 RU equip to run csg.
PU & RIH w/8 3/4" shoe, w/7 1/4" mill in the top, and jars. RIH w/tbg,
tagged top of 7" csg @ 6608'. Milled 1' off top of 7" csg to 6609'.
POOH w/tbg & BHA. CC: \$40,342
- 2/8/94 RIH w/7" csg.
PU & RIH w/7" external csg patch, 7" DV collar & 138 jts 7" csg to
5410'. CC: \$50,303
- 2/9/94 Evaluating csg buckling effects prior to cmt'g.
PU & RIH w/31 jts 7" csg. ND 10" BOP. Run down to top of 7" csg
stub, slipped over csg w/patch @ 6609' - unable to get patch latched
onto csg stub - acted like grapple was broken. Set 10,000# down on
patch. RU Cutters. RIH w/sand in bailer, logged thru DV tool &
patch - showed patch over csg stub. RIH & tagged fill @ 10,445'.
Dumped sand on fill. POOH & RD Cutters. Landed csg on slips
w/10,000# compression. CC: \$87,095
- 2/10/94 WOC.
Cut csg off, NU & pack off tbg spool. RU Halliburton. Dropped dart
& open DV tool @ 950 psi. Circ hole w/250 bbls 10# mud. Pmpd 30 bbl
mud flush & 10 BFW. Cmt'd 7" patch & csg @ 6609' with 400 sx Hi-Fill
cmt (272 bbls, 11 ppg) & 200 sx Neat cmt (42 bbls, 15.6 ppg).
Dropped plug. Pmpd 10 BFW & 242 bbls mud & bumped plug & closed DV
tool w/3000 psi - bled pressure off, tool held. Pressure back up to
800 psi. RD Halliburton. Note: Had 116 bbls excess cmt - got 60
bbls cmt back to sfc. CC: \$114,080
- 2/11/94 WOC. CC: \$114,080

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998

PAGE 2

- 2/12/94 RIH w/tbg.
ND cmt head. NU 6" BOP. RIH w/6 $\frac{1}{8}$ " tooth bit, tagged cmt @ 6585'.
DO cmt to DV tool @ 6605'. Drld out DV tool. RIH w/tbg to 6689'.
never hit anything below DV tool. Circ hole clean. PT csg to 2000
psi, held. CC: \$117,254
- 2/13/94 Evaluating csg condition.
RIH w/tbg, stacked out @ 6937'. Unable to work & rotate tbg deeper.
POOH w/tbg & bit. Bit did not show anything. PT csg to 2000 psi,
held. RIH w/6 $\frac{1}{8}$ " impression block to 6937'. Set 10,000# down on
impression block. POOH w/tbg & impression block. Looked like csg
was parted & offset by 1". CC: \$120,764
- 2/14/94 Evaluating csg condition.
RU Cutters. Run CBL from 9700' to 6300'. RD Cutters. Had good bond
across patch @ 6609'. Log showed 7" csg part @ 6937' (tbg) w/no cmt
across parted area. CC: \$127,913
- 2/15/94 RIH w/rods, prep to suspend operations.
RIH w/2 $\frac{7}{8}$ " solid plug, perf jt & tbg to 6159'. LD 80 jts tbg. RIH
w/tbg. Landed tbg on hanger w/EOT @ 6790'. ND BOP. NU WH. RIH w/4
- 1" & 51 - $\frac{3}{4}$ " rods. CC: \$130,663
- 2/16/94 Operations suspended.
RIH w/69 - $\frac{3}{4}$ " rods. POOH, LD 99 - $\frac{3}{4}$ " rods. RIH w/119 - $\frac{7}{8}$ ", 122 -
1" rods & polished rod. RD rig, MO. Will evaluate economics to
repair csg part & finish work. Drop from report. CC: \$145,506

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1
TD: 12,762' PBD: 12,667'
5" LINER @ 10,702'-12,761'
PERFS: 10,722'-12,665' (WASATCH)
CWC(M\$): 289.0

PAGE 3

- 5/5/94 POOH w/tbg.
MIRU rig. POOH w/rods. ND WH, NU BOP. POOH w/48 stds tbg. CC: \$140,121
- 5/6/94 Swaging on csg.
POOH w/60 stds 2 $\frac{7}{8}$ " tbg & BHA. RIH w/6 $\frac{1}{8}$ " csg swage, BS, jars, 6 - 4 $\frac{3}{4}$ " DC's & 205 jts 2 $\frac{7}{8}$ " tbg. Tagged out on DV tool @ 6610'. Beat swage down into tight spot & jarred back out 3 times, made 1' total to 6611'. CC: \$144,965
- 5/7-8/94 SD for weekend.
- 5/9/94 POOH w/tbg.
Run swage down to DV tool @ 6610'. Unable to get swage thru. POOH. RIH w/6 $\frac{1}{8}$ " string mill, BS, jars, 6 - DC's & tbg, tagged @ 6610'. Milled thru DV tool. Reamed up & down thru tight spot 5 times. Run mill down to 6700'. POOH w/84 stds. CC: \$150,249
- 5/10/94 Finish RIH w/tbg.
Finished POOH w/tbg. RIH w/6 $\frac{1}{8}$ " swage, BS, jars, DC's & tbg, tagged @ 6610'. Beat swage into tight spot, unable to get swage thru - POOH. RIH w/2 - 6 $\frac{1}{8}$ " string mills in tandem, BS and jars to 4160'. CC: \$153,897
- 5/11/94 Swaging 7" csg.
RIH w/tbg, tagged @ 6610'. Reamed up & down thru tight spot w/string mills until spot is smooth. Run mills down to 6904'. POOH w/tbg & BHA. RIH w/6 $\frac{1}{8}$ " swage, BS, jars, DC's & tbg, tagged @ 6610'. Had to beat swage down thru tight spot & jar back out 3 times. CC: \$158,581
- 5/12/94 POOH w/tbg.
Beat swage thru tight spot @ 6610'. RIH w/tbg to csg part @ 6937'. Worked swage up & down thru part until smoothed up. Run swage down to 7089'. POOH to tight spot @ 6610', set jars off 5 times @ 35,000# over string wt to get thru. POOH w/tbg. RIH w/7" HD pkr, set pkr @ 6910'. PT csg to 2000 psi, held. Est inj rate down tbg, 0.75 BPM @ 2000#. PT tbg to 2800# & broke back to 2500#, est inj rate 1.5 BPM @ 2500#. Rls'd pkr w/17 stds tbg @ 5822'. CC: \$163,519
- 5/13/94 POH w/swage.
POOH w/tbg. RIH w/6 $\frac{1}{8}$ " swage, BS, jars, DC's, tagged @ 6610'. Took 13 hits to get thru tight spot down to csg part @ 6937'. Took 25 hits down to get thru & set jars off 13 times @ 35,000# over string wt to get swage back thru. Worked swage thru part 12 times (last time thru, took 14 hits down & set jars off 9 times @ 35,000# over string wt to get back thru). POOH to tight spot @ 6610'. Set jars off 6 times to get swage up thru. Pulled swage up to 6587'. CC: \$167,211
- 5/14-15/94 SD for weekend.
- 5/16/94 RU Halliburton.
POOH w/tbg. RIH w/4" gun & shot 4 holes @ 6921'. Est inj rate down csg, 1 BPM @ 2000#. RIH w/5.718" gauge ring to 7000', saw no tight spots. RIH w/MSOT 7" HD pkr, SN & tbg. Set pkr @ 6720'. PT csg to 2000#. CC: \$173,133

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

PAGE 4

- 5/17/94 Prep to release pkr.
RU Halliburton. Est inj rate, 0.8 BPM @ 2000 psi. Pmpd 10 BFW, mix & spot 100 sx Class "H" (16.4 ppg) cmt slurry w/10 BFW behind. Set pkr @ 6720' & sqz to 2000 psi w/15 bbls (79 sx) slurry outside csg & 4 bbls (21 sx) in csg. Rls'd pkr & rev out w/60 BW. Reset pkr @ 6720'. Pressure up on sqz to 1000 psi. CC: \$179,027
- 5/18/94 RIH w/tbg to clean fill off RBP.
Rls'd pkr. POOH w/tbg & pkr. RIH w/6 1/8" drag bit & tbg, tagged cmt @ 6744'. DO hard cmt to 6932'. fell free. Run bit down to 6975'. Circ hole clean. Pulled bit up to 6853'. PT sqz to 2000 psi, held. CC: \$181,487
- 5/19/94 RIH w/tbg.
Bled 450 psi off well. RIH w/35 jts 2 7/8" tbg. Rig brakes wore out. Changed out brake blocks. RIH w/60 jts to 10,005'. CC: \$183,218
- 5/20/94 POOH w/tbg.
Bled 100 psi off well. Tally, PU & RIH w/tbg, tagged fill @ 10,302'. RU drlg equip. CO drlg mud & fill to 10,335', fell free. Run bit down to 10,490', tagged fill. CO several bridges to 5" LT @ 10,673' by tbg measurement. Circ hole clean. RD drlg equip. POOH w/2 stds tbg, bit @ 10,539'. CC: \$186,190
- 5/21-22/94 SD for weekend.
- 5/23/94 POOH w/tbg.
POOH w/tbg & bit (bit gauged -6"). Order out string mills. RIH w/2 - 6 1/8" string mills in tandem, BS, jars, DC's & tbg. Tagged tight spot @ 6931'. RU drlg equip. Rotated up & down thru tight spot until mills go thru smooth. RD drlg equip. POOH w/15 jts tbg, mills @ 6496'. CC: \$190,380
- 5/24/94 DO fill.
POOH w/tbg. POOH & LD DC's, jars, BS & string mills. Loaded out all fishing tools. RIH w/4 1/8" drag bit & tbg, tagged fill @ 10,673'. RU drlg equip. CC: \$193,768
- 5/25/94 Finish POOH w/tbg & bit, prep to rec RBP.
Rotated tbg, CO fill from 10,673'. DO hard fill to RBP @ 10,749'. Circ hole clean, lost 450 BW. RD drlg equip. POOH w/93 stds tbg, bit @ 4920'. CC: \$196,951
- 5/26/94 Finish POOH w/tbg.
POOH w/2 7/8" tbg. Changed equip over to 2 3/8". POOH w/2 3/8" tbg & 4 1/8" bit. RIH w/4 jts 2 3/8" tbg open ended. Changed equip over to 2 7/8". RIH w/2 7/8" tbg, tagged @ 10,749'. Attempt to screw into retrieving head - no success. Pump 464 BW down csg w/no returns. Still unable to screw into retrieving head. POOH w/97 stds 2 7/8" tbg, EOT @ 4670'. CC: \$200,864
- 5/27/94 CO fill to RBP.
Finish POOH w/2 7/8" tbg. POOH w/4 jts 2 3/8" tbg (pin on btm jt had fill stuck in threads). RIH w/4 1/8" bladed mill, 4 jts 2 3/8" tbg w/2 check valves. RIH w/CO tool & 2 7/8" tbg to 10,663'. CC: \$202,737
- 5/28-30/94 SD for weekend & holiday.
- 5/31/94 RIH w/screw-in sub.
Finish RIH w/tbg, tagged fill @ 10,751'. CO fill to 10,755'. Milled another 1 1/2 hrs, never made any hole. POOH w/tbg, CO tool & mill. Mill had marks clear across sfc & on outside. CC: \$107,109

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

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- 6/1/94 Finish POOH w/tbg.
PU & RIH w/2 $\frac{3}{8}$ " x 10' tbg sub, XO, 3 jts 2 $\frac{7}{8}$ " tbg, XO, BS, jars, 4 - 4 $\frac{3}{4}$ " DC's & 2 $\frac{7}{8}$ " tbg, tagged fill @ 10,755'. RU power swivel. Pump 70 BW down tbg. Rotate & work tbg down to 10,793'. Screwed into retrieving head. Jarred on RBP for 4 hrs. BP came loose. POOH w/40 stds tbg, EOT @ 8310'. CC: \$211,061
- 6/2/94 Finish RIH w/tbg.
POOH w/tbg & BHA - did not have RBP. RU DeIsco & RIH w/sinker bars to RBP @ 10,785'. PU & RIH w/taper tap, 10' x 2 $\frac{3}{8}$ " tbg sub, BS, jars & 61 sts 2 $\frac{7}{8}$ " tbg, EOT @ 3848'. CC: \$214,048
- 6/3/94 Fishing RBP.
RIH w/tbg, tagged RBP @ 10,800'. Unable to screw taper tap into retrieving head. Beat BP down to 10,846', BP quit going down. POOH w/tbg & BHA. Taper tap did not look to have been in retrieving head. Taper tap & btm subs plugged w/fill. CC: \$218,809
- 6/4-5/94 SD for weekend.
- 6/6/94 POOH w/RBP.
RIH w/10' x 2 $\frac{3}{8}$ " tbg sub, BS, jars & 2 $\frac{7}{8}$ " tbg to 10,813'. RU Dowell & start pumping down csg @ 12 BPM, getting 50% returns. Circ & wash fill to 10,823'. Pushed BP down from 10,823' to 10,881'. Screwed into retrieving tool. POOH w/28 stds tbg, EOT @ 9244'. POH w/10-20,000# drag thru 5" liner, pulling wet. CC: \$225,365
- 6/7/94 RIH to CO 5" liner.
POOH w/tbg, BHA & RBP. RIH w/4 $\frac{1}{8}$ " mill & CO tool to 10,690'. CC: \$229,023
- 6/8/94 Finish POOH w/tbg & CO tool.
RIH w/2 $\frac{7}{8}$ " tbg, tagged fill @ 10,846'. CO bridges to 12,460'. Cleaned hard fill to 12,606'. CO tool plugging off. POOH w/32 stds 2 $\frac{7}{8}$ " tbg & mill to 10,644'. CC: \$233,591
- 6/9/94 RIH w/pkr & 2 $\frac{7}{8}$ " tbg for acid job.
POOH w/2 $\frac{7}{8}$ " tbg. LD 2 $\frac{3}{8}$ " tbg, CO tool & mill. CC: \$236,181
- 6/10/94 Finish RIH w/tbg, prep to acidize.
PU & RIH w/MSOT 5" HD pkr, 2 $\frac{7}{8}$ " SN & 344 jts 2 $\frac{7}{8}$ " P-105, PH-6 hydril, to 10,699'. CC: \$239,885
- 6/11-12/94 SD for weekend.
- 6/13/94 RIH w/7" pkr & 2 $\frac{7}{8}$ " hydril tbg.
RIH w/33 jts 2 $\frac{7}{8}$ " 8.7# PH-6 P-105 hydril tbg. Set pkr @ 11,724'. RU Dowell & acidized Wasatch perfs from 11,747' to 12,665' w/10,000 gals 15% HCl w/additives, BAF, rock salt & 220 - 1.1 S.G. ball sealers. MTP 9200#, ATP 8600#, MTR 14 BPM, ATR 10 BPM. ISIP 5300#, 5 min 5168#, 10 min 5017#, 15 min 4893#. Excellent diversion, 665 BLTR. Bled pressure off. Rls'd pkr. (Had some trouble rls'g pkr.) POOH & LD 32 jts 2 $\frac{7}{8}$ " hydril tbg, set pkr @ 10,714'. Pmpd 260 BW, unable to get test on csg. Moved pkr up to 10,712'. Pmpd 260 BW, still would not test. Rls'd pkr. POOH w/93 stds tbg. POOH & LD 159 jts tbg & pkr. CC: \$300,523

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

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6/14/94 RIs pkr & POH.
PU & RIH w/7" HD pkr & 157 jts 2 $\frac{7}{8}$ " hydril tbg. Set pkr @ 10,662'.
Filled csg w/265 BW. ~~PT csg to 1000#~~. RU Dowell & acidize Wasatch
perfs @ 10,722'-12,665' w/17,000 gals 15% HCl w/additives. BAF, rock
salt & 1270 - 1.1 S.G. ball sealers. MTP 9100#, ATP 8600#, MTR 21
BPM, ATR 12 BPM. ISIP 0#. Good diversion, 1066 BLWTR. CC: \$318,467

6/15/94 Finish RIH w/production tbg.
RIs'd pkr. POOH & LD 343 jts 2 $\frac{7}{8}$ " 8.7# PH-6 hydril tbg & pkr. RIH
w/production BHA & 107 jts 2 $\frac{7}{8}$ " 8rd tbg. EOT @ 3463'. CC: \$318,467

6/16/94 Well on production.
RIH w/2 $\frac{7}{8}$ " tbg. Set TAC @ 9330' w/SN @ 9217'. ND BOP. Landed tbg
on hanger w/18,000# tension. NU WH. RIH w/new pump & rods. Space
out & seat pump. Left well pmpg. CC: \$318,467

6/16/94 Pmpd 23 BO, 193 BW, 52 MCF, 12 hrs, 10.1 SPM.

6/17/94 Pmpd 35 BO, 402 BW, 161 MCF.

6/18/94 Pmpd 27 BO, 377 BW, 86 MCF.

6/19/94 Pmpd 22 BO, 373 BW, 56 MCF, 10.1 SPM.
Will run dyno.

6/20/94 Pmpd 22 BO, 355 BW, 82 MCF, 10.3 SPM.
Ran dyno - FL @ 7400', SN @ 9217'. Pump OK - pump efficiency 74%.

6/21/94 Pmpd 22 BO, 409 BW, 76 MCF, 10.1 SPM.

6/22/94 Pmpd 23 BO, 39 BW, 94 MCF, 4 hrs.
Down 20 hrs - parted rods.

6/23/94 POH w/rods & pump for rod part.
MIRU rig.

6/24/94 Well on pump.
POOH w/rods to pin break $\frac{7}{8}$ " rod @ 3875' (1991-EL). Latch fish @
3875'. POOH w/rods & pump. PU Nat'l 1 $\frac{3}{4}$ " pump & RIH w/rods. Space
out & hang off. RDMO.

6/24/94 Pmpd 11 BO, 251 BW, 40 MCF, 12 hrs.

6/25/94 Pmpd 8 BO, 406 BW, 78 MCF.

6/26/94 Pmpd 26 BO, 363 BW, 77 MCF, 10.1 SPM.

6/27/94 Pmpd 18 BO, 398 BW, 84 MCF, 10.1 SPM.
Will run dyno today.

6/28/94 Pmpd 20 BO, 365 BW, 86 MCF, 10.1 SPM.
Check FL - 7400', SN @ 9217'. Will incr SPM to 11 SPM.

6/29/94 Pmpd 21 BO, 349 BW, 25 MCF, 10.1 SPM.

6/30/94 Pmpd 22 BO, 386 BW, 90 MCF, 11.6 SPM.

7/1/94 Pmpd 22 BO, 386 BW, 90 MCF, 11.6 SPM.

7/2/94 Pmpd 22 BO, 446 BW, 90 MCF, 11.6 SPM.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

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7/3/94 Pmpd 20 BO, 400 BW, 90 MCF, 11.6 SPM.

7/4/94 Pmpd 20 BO, 400 BW, 90 MCF, 11.6 SPM.

7/5/94 Pmpd 20 BO, 435 BW, 96 MCF, 11.6 SPM.

Prior prod: 56 BO, 371 BW, 776 MCF. Final report.

RECEIVED

FEB 15 1994

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION FORM

DIVISION OF
OIL GAS & MINING

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: MARVIN BOZART
WELL NAME: ELLSWORTH #1-20B4 API NO: 43-013-30351
SECTION: 20 TWP: T2S RANGE: R4W
CONTRACTOR: WESTERN OIL WELL SERVICE RIG NUMBER: #80
INSPECTOR: DENNIS L INGRAM TIME: 3:15 PM AM/PM DATE: 2/3/94
OPERATIONS AT THE TIME OF INSPECTION: PARTED CASING AT 6600 FEET

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: POW
H2S: N/A ENVIRONMENTAL: OK PIT: NO BOPE: YES
DISPOSITION OF FLUIDS USED: FRACK, FLAT, AND TRUCK
PERFORATED: _____ STIMULATED: _____ SAND CONTROL: _____
WATER SHUT OFF: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____
CASING OR LINER REPAIR: Y ENHANCED RECOVERY: _____ THIEF ZONE: _____
CHANGE OF LIFT SYSTEM: _____ TUBING CHANGE: _____ OTHER CEMENT SQUEEZE: _____

=====

REMARKS:

HAVE RIGGED UP LAY DOWN MACHINE TO PULL CASING. ANR WILL RETHREAD
CASING AND RUN CASING PATCH TO CATCH AND SET PIPE ON SLIPS; THEY ALSO
PLAN ON CEMENTING PIPE ONCE IN PLACE.

94/9454

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Patented
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1744' FNL & 1342' FEL QQ, Sec., T., R., M.: SW/NE Section 20-T2S-R4W		8. Well Name and Number: Ellsworth #1-20B4
		9. API Well Number: 43-013-30351
		10. Field and Pool, or Wildcat: Altamont
		County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO | |

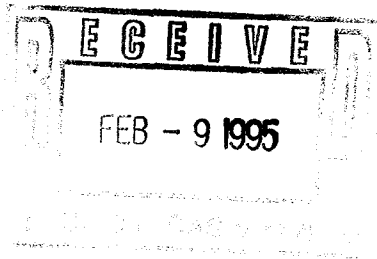
Date of work completion 7/5/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed in the subject well.



13.

Name & Signature: N.O. Shiflett

N.O. Shiflett

Title: District Drilling Manager

Date: 09/20/94

(This space for State use only)

2/3/95
signature
Tax credit

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998
TD: 12,762' PBD: 12,667'
5" LINER @ 10,702'-12,761'
PERFS: 10,722'-12,665' (WASATCH)
CWC(M\$): 183.0

PAGE 1

1/27/94 ND WH. prep to pull tbg.
MIRU. POOH w/rods. RU tbg equip. CC: \$2,353

1/28/94 Running freepoint on 7" csg.
ND WH. NU 6" BOP. POOH w/tbg & BHA. ND 6" BOP & tbg head. RU csg
jacks. Welded 18' stub onto 7" csg. PU on 7" csg to 345,000# &
slips came out. CC: \$9,166

1/29/94 Prep to displace hole w/10 ppg mud.
RU Cutters. Freepoint 7" csg - 100% free @ 6400', 2% free @ 6500'.
WL showed 7" csg was parted 6592'-6596'. RD Cutters. Started
jacking csg out of hole, took 367,000# to start - weight came down to
230,000# right away. POOH LD 4 jts 7" csg using jacks - weight came
down to 140,000#. LD 4 jts. RD csg jacks. CC: \$19,166

1/30/94 POOH & LD 7" csg.
Displaced hole w/450 bbl 10# mud. POOH LD 8 jts 7" csg. CC: \$25,540

1/31/94 WO csg to be repaired.
LD 157 jts 7" csg w/split collar on btm of last jt. (LD total of 165
jts csg, 6580'.) CC: \$33,742

2/1/94 WO csg repair. CC: \$33,742

2/2-6/94 WO csg repair. Should be finished by Tuesday, 2/8/94. CC: \$33,742

2/7/94 RU equip to run csg.
PU & RIH w/8 3/4" shoe, w/7 1/4" mill in the top, and jars. RIH w/tbg,
tagged top of 7" csg @ 6608'. Milled 1' off top of 7" csg to 6609'.
POOH w/tbg & BHA. CC: \$40,342

2/8/94 RIH w/7" csg.
PU & RIH w/7" external csg patch, 7" DV collar & 138 jts 7" csg to
5410'. CC: \$50,303

2/9/94 Evaluating csg buckling effects prior to cmt'g.
PU & RIH w/31 jts 7" csg. ND 10" BOP. Run down to top of 7" csg
stub, slipped over csg w/patch @ 6609' - unable to get patch latched
onto csg stub - acted like grapple was broken. Set 10,000# down on
patch. RU Cutters. RIH w/sand in bailer, logged thru DV tool &
patch - showed patch over csg stub. RIH & tagged fill @ 10,445'.
Dumped sand on fill. POOH & RD Cutters. Landed csg on slips
w/10,000# compression. CC: \$87,095

2/10/94 WOC.
Cut csg off, NU & pack off tbg spool. RU Halliburton. Dropped dart
& open DV tool @ 950 psi. Circ hole w/250 bbls 10# mud. Pmpd 30 bbl
mud flush & 10 BFW. Cmt'd 7" patch & csg @ 6609' with 400 sx Hi-Fill
cmt (272 bbls, 11 ppg) & 200 sx Neat cmt (42 bbls, 15.6 ppg).
Dropped plug. Pmpd 10 BFW & 242 bbls mud & bumped plug & closed DV
tool w/3000 psi - bled pressure off, tool held. Pressure back up to
800 psi. RD Halliburton. Note: Had 116 bbls excess cmt - got 60
bbls cmt back to sfc. CC: \$114,080

2/11/94 WOC. CC: \$114,080

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CSG/ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998

PAGE 2

- 2/12/94 RIH w/tbg.
ND cmt head. NU 6" BOP. RIH w/6 $\frac{1}{8}$ " tooth bit. tagged cmt @ 6585'.
DO cmt to DV tool @ 6605'. Drid out DV tool. RIH w/tbg to 6689'.
never hit anything below DV tool. Circ hole clean. PT csg to 2000
psi. held. CC: \$117,254
- 2/13/94 Evaluating csg condition.
RIH w/tbg. stacked out @ 6937'. Unable to work & rotate tbg deeper.
POOH w/tbg & bit. Bit did not show anything. PT csg to 2000 psi.
held. RIH w/6 $\frac{1}{8}$ " impression block to 6937'. Set 10,000# down on
impression block. POOH w/tbg & impression block. Looked like csg
was parted & offset by 1". CC: \$120,764
- 2/14/94 Evaluating csg condition.
RU Cutters. Run CBL from 9700' to 6300'. RD Cutters. Had good bond
across patch @ 6609'. Log showed 7" csg part @ 6937' (tbg) w/no cmt
across parted area. CC: \$127,913
- 2/15/94 RIH w/rods. prep to suspend operations.
RIH w/2 $\frac{7}{8}$ " solid plug, perf jt & tbg to 6159'. LD 80 jts tbg. RIH
w/tbg. Landed tbg on hanger w/EOT @ 6790'. ND BOP. NU WH. RIH w/4
- 1" & 51 - $\frac{3}{4}$ " rods. CC: \$130,663
- 2/16/94 Operations suspended.
RIH w/69 - $\frac{3}{4}$ " rods. POOH. LD 99 - $\frac{3}{4}$ " rods. RIH w/119 - $\frac{7}{8}$ ". 122 -
1" rods & polished rod. RD rig. MO. Will evaluate economics to
repair csg part & finish work. Drop from report. CC: \$145,506

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1
TD: 12,762' PBD: 12,667'
5" LINER @ 10,702'-12,761'
PERFS: 10,722'-12,665' (WASATCH)
CWC(M\$): 289.0

PAGE 3

- 5/5/94 POOH w/tbg.
MIRU rig. POOH w/rods. ND WH. NU BOP. POOH w/48 stds tbg. CC: \$140,121
- 5/6/94 Swaging on csg.
POOH w/60 stds 2 7/8" tbg & BHA. RIH w/6 1/8" csg swage. BS. jars. 6 - 4 1/4" DC's & 205 jts 2 7/8" tbg. Tagged out on DV tool @ 6610'. Beat swage down into tight spot & jarred back out 3 times. made 1' total to 6611'. CC: \$144,965
- 5/7-8/94 SD for weekend.
- 5/9/94 POOH w/tbg.
Run swage down to DV tool @ 6610'. Unable to get swage thru. POOH. RIH w/6 1/8" string mill. BS. jars. 6 - DC's & tbg, tagged @ 6610'. Milled thru DV tool. Reamed up & down thru tight spot 5 times. Run mill down to 6700'. POOH w/84 stds. CC: \$150,249
- 5/10/94 Finish RIH w/tbg.
Finished POOH w/tbg. RIH w/6 1/8" swage. BS. jars. DC's & tbg, tagged @ 6610'. Beat swage into tight spot, unable to get swage thru - POOH. RIH w/2 - 6 1/8" string mills in tandem. BS and jars to 4160'. CC: \$153,897
- 5/11/94 Swaging 7" csg.
RIH w/tbg, tagged @ 6610'. Reamed up & down thru tight spot w/string mills until spot is smooth. Run mills down to 6904'. POOH w/tbg & BHA. RIH w/6 1/8" swage. BS. jars. DC's & tbg, tagged @ 6610'. Had to beat swage down thru tight spot & jar back out 3 times. CC: \$158,581
- 5/12/94 POOH w/tbg.
Beat swage thru tight spot @ 6610'. RIH w/tbg to csg part @ 6937'. Worked swage up & down thru part until smoothed up. Run swage down to 7089'. POOH to tight spot @ 6610'. set jars off 5 times @ 35,000# over string wt to get thru. POOH w/tbg. RIH w/7" HD pkr, set pkr @ 6910'. PT csg to 2000 psi. held. Est inj rate down tbg, 0.75 BPM @ 2000#. PT tbg to 2800# & broke back to 2500#. est inj rate 1.5 BPM @ 2500#. Rls'd pkr w/17 stds tbg @ 5822'. CC: \$163,519
- 5/13/94 POH w/swage.
POOH w/tbg. RIH w/6 1/8" swage. BS. jars. DC's, tagged @ 6610'. Took 13 hits to get thru tight spot down to csg part @ 6937'. Took 25 hits down to get thru & set jars off 13 times @ 35,000# over string wt to get swage back thru. Worked swage thru part 12 times (last time thru, took 14 hits down & set jars off 9 times @ 35,000# over string wt to get back thru). POOH to tight spot @ 6610'. Set jars off 6 times to get swage up thru. Pulled swage up to 6587'. CC: \$167,211
- 5/14-15/94 SD for weekend.
- 5/16/94 RU Halliburton.
POOH w/tbg. RIH w/4" gun & shot 4 holes @ 6921'. Est inj rate down csg, 1 BPM @ 2000#. RIH w/5.718" gauge ring to 7000'. saw no tight spots. RIH w/MSOT 7" HD pkr. SN & tbg. Set pkr @ 6720'. PT csg to 2000#. CC: \$173,133

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

PAGE 4

- 5/17/94 Prep to release pkr.
RU Halliburton. Est inj rate. 0.8 BPM @ 2000 psi. Pmpd 10 BFW, mix & spot 100 sx Class "H" (16.4 ppg) cmt slurry w/10 BFW behind. Set pkr @ 6720' & sqz to 2000 psi w/15 bbls (79 sx) slurry outside csg & 4 bbls (21 sx) in csg. Rls'd pkr & rev out w/60 BW. Reset pkr @ 6720'. Pressure up on sqz to 1000 psi. CC: \$179,027
- 5/18/94 RIH w/tbg to clean fill off RBP.
Rls'd pkr. POOH w/tbg & pkr. RIH w/6 1/8" drag bit & tbg, tagged cmt @ 6744'. DO hard cmt to 6932', fell free. Run bit down to 6975'. Circ hole clean. Pulled bit up to 6853'. PT sqz to 2000 psi. held. CC: \$181,487
- 5/19/94 RIH w/tbg.
Bled 450 psi off well. RIH w/35 jts 2 7/8" tbg. Rig brakes wore out. Changed out brake blocks. RIH w/60 jts to 10,005'. CC: \$183,218
- 5/20/94 POOH w/tbg.
Bled 100 psi off well. Tally, PU & RIH w/tbg, tagged fill @ 10,302'. RU drlg equip. CO drlg mud & fill to 10,335', fell free. Run bit down to 10,490', tagged fill. CO several bridges to 5" LT @ 10,673' by tbg measurement. Circ hole clean. RD drlg equip. POOH w/2 stds tbg, bit @ 10,539'. CC: \$186,190
- 5/21-22/94 SD for weekend.
- 5/23/94 POOH w/tbg.
POOH w/tbg & bit (bit gauged -6"). Order out string mills. RIH w/2 - 6 1/8" string mills in tandem. BS, jars, DC's & tbg. Tagged tight spot @ 6931'. RU drlg equip. Rotated up & down thru tight spot until mills go thru smooth. RD drlg equip. POOH w/15 jts tbg, mills @ 6496'. CC: \$190,380
- 5/24/94 DO fill.
POOH w/tbg. POOH & LD DC's, jars, BS & string mills. Loaded out all fishing tools. RIH w/4 1/8" drag bit & tbg, tagged fill @ 10,673'. RU drlg equip. CC: \$193,768
- 5/25/94 Finish POOH w/tbg & bit, prep to rec RBP.
Rotated tbg, CO fill from 10,673'. DO hard fill to RBP @ 10,749'. Circ hole clean, lost 450 BW. RD drlg equip. POOH w/93 stds tbg, bit @ 4920'. CC: \$196,951
- 5/26/94 Finish POOH w/tbg.
POOH w/2 7/8" tbg. Changed equip over to 2 3/8". POOH w/2 3/8" tbg & 4 1/8" bit. RIH w/4 jts 2 3/8" tbg open ended. Changed equip over to 2 3/8". RIH w/2 3/8" tbg, tagged @ 10,749'. Attempt to screw into retrieving head - no success. Pump 464 BW down csg w/no returns. Still unable to screw into retrieving head. POOH w/97 stds 2 3/8" tbg, EOT @ 4670'. CC: \$200,864
- 5/27/94 CO fill to RBP.
Finish POOH w/2 3/8" tbg. POOH w/4 jts 2 3/8" tbg (pin on btm jt had fill stuck in threads). RIH w/4 1/8" bladed mill, 4 jts 2 3/8" tbg w/2 check valves. RIH w/CO tool & 2 3/8" tbg to 10,663'. CC: \$202,737
- 5/28-30/94 SD for weekend & holiday.
- 5/31/94 RIH w/screw-in sub.
Finish RIH w/tbg, tagged fill @ 10,751'. CO fill to 10,755'. Milled another 1 1/2 hrs, never made any hole. POOH w/tbg, CO tool & mill. Mill had marks clear across sfc & on outside. CC: \$107,109

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

PAGE 5

- 6/1/94 Finish POOH w/tbg.
PU & RIH w/2 3/4" x 10' tbg sub. XO. 3 jts 2 7/8" tbg. XO. BS. jars. 4 - 4 3/4" DC's & 2 7/8" tbg, tagged fill @ 10,755'. RU power swivel. Pump 70 BW down tbg. Rotate & work tbg down to 10,793'. Screwed into retrieving head. Jarred on RBP for 4 hrs. BP came loose. POOH w/40 stds tbg, EOT @ 8310'. CC: \$211,061
- 6/2/94 Finish RIH w/tbg.
POOH w/tbg & BHA - did not have RBP. RU DeIsco & RIH w/sinker bars to RBP @ 10,785'. PU & RIH w/taper tap, 10' x 2 3/4" tbg sub. BS. jars & 61 sts 2 7/8" tbg, EOT @ 3848'. CC: \$214,048
- 6/3/94 Fishing RBP.
RIH w/tbg, tagged RBP @ 10,800'. Unable to screw taper tap into retrieving head. Beat BP down to 10,846'. BP quit going down. POOH w/tbg & BHA. Taper tap did not look to have been in retrieving head. Taper tap & btm subs plugged w/fill. CC: \$218,809
- 6/4-5/94 SD for weekend.
- 6/6/94 POOH w/RBP.
RIH w/10' x 2 3/4" tbg sub. BS. jars & 2 7/8" tbg to 10,813'. RU Dowell & start pumping down csg @ 12 BPM, getting 50% returns. Circ & wash fill to 10,823'. Pushed BP down from 10,823' to 10,881'. Screwed into retrieving tool. POOH w/28 stds tbg, EOT @ 9244'. POH w/10-20,000# drag thru 5" liner, pulling wet. CC: \$225,365
- 6/7/94 RIH to CO 5" liner.
POOH w/tbg, BHA & RBP. RIH w/4 1/2" mill & CO tool to 10,690'. CC: \$229,023
- 6/8/94 Finish POOH w/tbg & CO tool.
RIH w/2 7/8" tbg, tagged fill @ 10,846'. CO bridges to 12,460'. Cleaned hard fill to 12,606'. CO tool plugging off. POOH w/32 stds 2 7/8" tbg & mill to 10,644'. CC: \$233,591
- 6/9/94 RIH w/pkr & 2 7/8" tbg for acid job.
POOH w/2 7/8" tbg. LD 2 3/4" tbg, CO tool & mill. CC: \$236,181
- 6/10/94 Finish RIH w/tbg, prep to acidize.
PU & RIH w/MSOT 5" HD pkr, 2 7/8" SN & 344 jts 2 7/8" P-105. PH-6 hydril, to 10,699'. CC: \$239,885
- 6/11-12/94 SD for weekend.
- 6/13/94 RIH w/7" pkr & 2 7/8" hydril tbg.
RIH w/33 jts 2 7/8" 8.7# PH-6 P-105 hydril tbg. Set pkr @ 11,724'. RU Dowell & acidized Wasatch perms from 11,747' to 12,665' w/10,000 gals 15% HCl w/additives, BAF, rock salt & 220 - 1.1 S.G. ball sealers. MTP 9200#, ATP 8600#, MTR 14 BPM, ATR 10 BPM. ISIP 5300#, 5 min 5168#, 10 min 5017#, 15 min 4893#. Excellent diversion, 665 BLTR. Bled pressure off. Rls'd pkr. (Had some trouble rls'g pkr.) POOH & LD 32 jts 2 7/8" hydril tbg, set pkr @ 10,714'. Pmpd 260 BW, unable to get test on csg. Moved pkr up to 10,712'. Pmpd 260 BW, still would not test. Rls'd pkr. POOH w/93 stds tbg. POOH & LD 159 jts tbg & pkr. CC: \$300,523

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-2084 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

PAGE 6

6/14/94 Rls pkr & POH.
PU & RIH w/7" HD pkr & 157 jts 2 7/8" hydril tbg. Set pkr @ 10,662'.
Filled csg w/265 BW. PT csg to 1000#. RU Dowell & acidize Wasatch
perfs @ 10,722'-12,665' w/17,000 gals 15% HCl w/additives, BAF, rock
salt & 1270 - 1.1 S.G. ball sealers. MTP 9100#, ATP 8600#, MTR 21
BPM, ATR 12 BPM. ISIP 0#. Good diversion, 1066 BLWTR. CC: \$318,467

6/15/94 Finish RIH w/production tbg.
Rls'd pkr. POOH & LD 343 jts 2 7/8" 8.7# PH-6 hydril tbg & pkr. RIH
w/production BHA & 107 jts 2 7/8" 8rd tbg. EOT @ 3463'. CC: \$318,467

6/16/94 Well on production.
RIH w/2 7/8" tbg. Set TAC @ 9330' w/SN @ 9217'. ND BOP. Landed tbg
on hanger w/18,000# tension. NU WH. RIH w/new pump & rods. Space
out & seat pump. Left well pmpg. CC: \$318,467

6/16/94 Pmpd 23 BO, 193 BW, 52 MCF, 12 hrs, 10.1 SPM.

6/17/94 Pmpd 35 BO, 402 BW, 161 MCF.

6/18/94 Pmpd 27 BO, 377 BW, 86 MCF.

6/19/94 Pmpd 22 BO, 373 BW, 56 MCF, 10.1 SPM.
Will run dyno.

6/20/94 Pmpd 22 BO, 355 BW, 82 MCF, 10.3 SPM.
Ran dyno - FL @ 7400', SN @ 9217'. Pump OK - pump efficiency 74%.

6/21/94 Pmpd 22 BO, 409 BW, 76 MCF, 10.1 SPM.

6/22/94 Pmpd 23 BO, 39 BW, 94 MCF, 4 hrs.
Down 20 hrs - parted rods.

6/23/94 POH w/rods & pump for rod part.
MIRU rig.

6/24/94 Well on pump.
POOH w/rods to pin break 3/4" rod @ 3875' (1991-EL). Latch fish @
3875'. POOH w/rods & pump. PU Nat'l 1 1/2" pump & RIH w/rods. Space
out & hang off. RDMO.

6/24/94 Pmpd 11 BO, 251 BW, 40 MCF, 12 hrs.

6/25/94 Pmpd 8 BO, 406 BW, 78 MCF.

6/26/94 Pmpd 26 BO, 363 BW, 77 MCF, 10.1 SPM.

6/27/94 Pmpd 18 BO, 398 BW, 84 MCF, 10.1 SPM.
Will run dyno today.

6/28/94 Pmpd 20 BO, 365 BW, 86 MCF, 10.1 SPM.
Check FL - 7400', SN @ 9217'. Will incr SPM to 11 SPM.

6/29/94 Pmpd 21 BO, 349 BW, 25 MCF, 10.1 SPM.

6/30/94 Pmpd 22 BO, 386 BW, 90 MCF, 11.6 SPM.

7/1/94 Pmpd 22 BO, 386 BW, 90 MCF, 11.6 SPM.

7/2/94 Pmpd 22 BO, 446 BW, 90 MCF, 11.6 SPM.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-20B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 75.0% ANR AFE: 64998 R1

PAGE 7

7/3/94 Pmpd 20 BO. 400 BW. 90 MCF. 11.6 SPM.

7/4/94 Pmpd 20 BO. 400 BW. 90 MCF. 11.6 SPM.

7/5/94 Pmpd 20 BO. 435 BW. 96 MCF. 11.6 SPM.

Prior prod: 56 BO. 371 BW. 776 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: MARVIN BOZARTH

WELL NAME: ELLSWORTH #1-20B4 API NO: 43-013-30351

SECTION: 20 TWP: 02S RANGE: 04W

CONTRACTOR: WESTERN OIL WELL SERVICE RIG NUMBER: #320

INSPECTOR: INGRAM TIME: 11:30 AM AM/PM DATE: 5/13/94

OPERATIONS AT THE TIME OF INSPECTION: WORKING FISH TOP W/SWEDGE.

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: SOW

H2S: N ENVIRONMENTAL: N PIT: N ROPE: Y

DISPOSITION OF FLUIDS USED: FRAC MASTER AND TRUCK.

PERFORATED: _____ STIMULATED: _____ SAND CONTROL: _____

WATER SHUT OFF: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

CASING OR LINER REPAIR: Y ENHANCED RECOVERY: _____ THIEF ZONE: _____

CHANGE OF LIFT SYSTEM: _____ TUBING CHANGE: _____ OTHER CEMENT SQUEEZE: _____

=====

REMARKS:

CASING WAS PARTED AND RECAUGHT WITH OVERSHOT THEN CEMENTED; HOWEVER,

CASING WAS ALSO PARTED BELOW PATCH JOB. OPERATOR IS TRYING TO SWEDGE

BACK INTO FISH, OR CASING TOP.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

1744' FNL & 1342' FEL

QQ, Sec., T., R., M.:

SW/NE Section 20-T2S-R4W

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Ellsworth #1-20B4

9. API Well Number:

43-013-30351

10. Field and Pool, or Wildcat:

Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Lower Seating Nipple | |

Date of work completion 11/18/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached morning reports for work performed to lower seat nipple to enhance production on the subject well.

1 - State (Orig)
1 - BLJ/MDE/Tami/File
1 - SAC

13.

Name & Signature:

*N.O. Shiflett*Title: N.O. Shiflett
District Drilling Manager

Date: 12/16/94

(This space for State use only)

tax credit
7/26/95

General Well Serv. #102

COASTAL OIL & GAS
MORNING REPORT

DATE 11-16-84

LEASE & WELL Ellsworth 1-20-84 DRILLING FOREMAN Bob Lewis DAYS SINCE RELIEVED 1
FIELD/PROSPECT Altamont/Bivertell COUNTY Duchesne STATE Utah
DISTRICT DENVER REPORT TAKEN BY: RL SPUD DATE: _____ DAYS SINCE SPURRED _____
T.D. _____ FT. DRLG. PROGRESS _____ FT. IN _____ HRS. _____ CSG @ _____ PBD _____ FT.

ACTIVITY @ REPORT TIME Picking up Dong to lower seat nipple

HOURS ACTIVITY LAST 24 HOURS
6:00 a.m. - 6:00 a.m.

	CODE NO.	ITEM	COST	
			DAILY	CUMULATIVE
<u>7:00 am</u> Road Rig From <u>2-14-86</u>	110	ROADS & LOCATIONS		
<u>to the Ellsworth 1-20-84</u>	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP., WO	<u>1794.50</u>	<u>1794.50</u>
<u>R.W. service unit</u>	130	MUD & CHEMICALS		
<u>R.D. Pumping Unit Vasecat</u>	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
<u>Rods flush w/ 60 bars</u>	140	ELECTRIC LOGGING (OPEN HOLE)		
<u>prod. water seat down</u>	141	CORING, DST, FMT		
<u>fill hole and press test</u>	142	MUD LOGGING		
<u>Dong to 50' depth</u>	145	FISHING TOOLS & SERVICES		
	146	WATER <u>Inject</u>	<u>416.00</u>	<u>416.00</u>
<u>P.O.H. 1/2 inch and</u>	146	FUEL <u>propane</u>	<u>50.00</u>	<u>50.00</u>
<u>drill pipe 30' section 4</u>	146	BITS		
<u>1" rods were on cables and</u>	147	EQUIPMENT RENTALS <u>500' 3/4" Jager Wellies</u>	<u>630.00</u>	<u>630.00</u>
<u>couplings</u>	175	TRUCKING <u>NG Extra</u>	<u>733.00</u>	<u>733.00</u>
	181	BHP, GOR, POTENTIAL TESTS		
<u>X-O Equip. from Rods to Dong</u>	183	PERF. AND CASED HOLE LOGS		
<u>strip B.O.P.s on well and</u>	184	ACIDIZING, FRACTURING, ETC.		
<u>release T.A.C. (Hanger type in Dong)</u>		MISC. LABOR & SERVICES		
<u>6:50 pm</u> <u>S.F.W.</u>	190	SUPERVISION	<u>350.00</u>	<u>350.00</u>
		TOTAL INTANGIBLES		
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	200	TOTAL TANGIBLES (CSG, ETC.)		
		TOTAL COSTS	<u>3974.40</u>	<u>3974.40</u>

DRILLING MUD PROPERTIES

WT. (#/GAL) _____ VIS (SEC.) _____ F.L. 100# (cc) _____ HIGH TEMP. F.L. @ 300 PSI _____ P.V. (CP) _____ Y.P. (LB/100 FT) _____
% OIL _____ % LCM _____ % SOLIDS _____ ESPH _____ ALK: P_i _____ Ex-Lm. _____ CL (PPM) _____
OWR: Ca _____ GELS (LB/100 FT): 0" _____ 10" _____ CAKE (32 ND") _____ MBT _____ LB/BBL _____

PUMP DATA:

NO. 1: MODEL _____ LINER SIZE _____ X _____" SPM _____ GPM _____ PUMP PRESS _____
NO. 2: MODEL _____ LINER SIZE _____ X _____" SPM _____ GPM _____ PUMP PRESS _____

DRILLING STRING:

D.P. SIZE & TYPE _____ D.C. THD _____ NO. D.C. _____ LENGTH _____ O.D. _____ I.D. _____
EFF. WT. OF D.C. _____ BHA _____

BIT RECORD:

BIT NO.	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd			DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3		FEET	HRS.	FT./HR.		T	B	C

WT. ON BIT _____ 000# R.P.M. _____ ANN. VEL. DP _____ DC _____ SURF. HHP _____
BIT H.P. _____ % HHP THRU BIT NOZ _____ NOZ. VEL _____ REDUCED RATE PUMP PRESS _____ PSI @ _____ SPM _____

DEPTHS & INCLINATIONS

_____ FT. _____ DEG.
_____ FT. _____ DEG.
_____ FT. _____ DEG.

SOLIDS CONTROL EQPT. USED

SHALE SHAKER(S) _____ HRS.
DESANDER _____ HRS.
DESILTER/MUD CLEANER _____ HRS.
CENTRIFUGE _____ HRS.

MUD USED

BOP/PT DRILL: TIME OF DAY _____ REACTION TIME _____ FEET W/ _____ FT. DOWN ON KELLY _____

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

DISTRIBUTION:

FOREMAN

WHITE - DIST. FILE
WHITE - DIST. OFFICE

CANARY - REGION FILE
CANARY - RIG

PINK - DIST. EXPL.
PINK - FOREMAN FILE

011-5014 (REV. 6/80)

G.W.S. #102

COASTAL OIL & GAS
MORNING REPORT

DATE 11-17-94

LEASE & WELL Filbert 1-20 B-4 DRILLING FOREMAN Bob Lewis DAYS SINCE REMOVED 2
 FIELD/PROSPECT Almont/Bluebell COUNTY Duchesne STATE Utah
 DISTRICT Denver REPORT TAKEN BY: [Signature] SPUD DATE: DAYS SINCE SPURRED
 T.D. 12362 FT. DRILG. PROGRESS FT. IN HRS CSG@ PBD 12667 FT.
 ACTIVITY @ REPORT TIME Hauling off Roads & Rigging Down Service Unit

HOURS

ACTIVITY LAST 24 HOURS

8:00 a.m. — 8:00 a.m.

DRILLING/COMPLETION COSTS

ITEM

COST

DAILY CUMULATIVE

7 ⁰⁰ am	Flush Tbg w/ 80 Bbls	CODE NO.	ITEM	DAILY	CUMULATIVE
	P.W. RTH w/ 44 Jts 2 3/8	110	ROADS & LOCATIONS		
	N-80 8" Bluebell Tbg	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP, WO	1695 ⁰⁰	3490
	set TAC 2 10/24'	130	MUD & CHEMICALS		
	w/ 16" Tension	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
	(27' Above Liner Top)	140	ELECTRIC LOGGING (OPEN HOLE)		
	Change Rig Equip from	141	CORING, DST, FMT		
	Tbg to Roads	142	MUD LOGGING		
	P.W. RTH w/ 1 1/2" Bore	145	FISHING TOOLS & SERVICES		
	Natural Pump, 1" x 3/4" w/c	146	WATER		416 ⁰⁰
	from Derrick. P.W. 52 New	146	FUEL Propain	56 ⁰⁰	106 ⁰⁰
	3/4" SIK Roads, RTH w/ Rest	146	BITS		
	of Road from Derrick	147	EQUIPMENT RENTALS Type / use / Service / with H.R.	858 ⁰⁰	1488 ⁰⁰
		175	TRUCKING		933 ⁰⁰
	Flush 60 Bbls	181	BHP, GOR, POTENTIAL TESTS		
	Space out Roads, sent pump	183	PERF. AND Cased HOLE LOGS		
	and press test to 500 psi	184	ACIDIZING, FRACTURING, ETC.		
	w/ Rod pump		MISC. LABOR & SERVICES		
6 ⁰⁰ pm	(Open to flow line)	190	SUPERVISION	350 ⁰⁰	700 ⁰⁰
TOTAL INTANGIBLES				2959 ⁰⁰	6933 ⁸⁵
TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)				200	TOTAL TANGIBLES (CSG, ETC.)
53 3/4" SIK Roads \$3800.25				605 ¹³	605 ¹³
44 Jts 2 3/8 EUE Tbg N-80 Blue 1345' = 2249 ⁰⁰				9011 ⁰⁰	12985 ⁸⁷
TOTAL COSTS					

DRILLING MUD PROPERTIES

WT. (#GAL) VIS (SEC.) F.L. 100# (cc) HIGH TEMP. F.L. @ 300 PSI P.V. (CP) Y.P. (LB/100 FT)
 % OIL % LCM % SOLIDS ES/pH ALK. P_i Ex. Lm. CL (PPM)
 OWRCa GELS (LB/100 FT): 0" 10" CAKE (32 ND") MBT LB/BBL

PUMP DATA:

NO. 1: MODEL LINER SIZE X SPM GPM PUMP PRESS
 NO. 2: MODEL LINER SIZE X SPM GPM PUMP PRESS

DRILLING STRING:

D.P. SIZE & TYPE D.C. THD NO. D.C. LENGTH O.D. I.D.
 EFF. WT. OF D.C. BHA

BIT RECORD:

BIT NO.	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd			DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	CONC. HRS.		
					1	2	3		FEET	HRS.	FT./HR.		Y	D	G

WT. ON BIT 000# R.P.M. ANN. VEL. DP DC SURF. HHP
 BIT H.P. % HHP THRU BIT NOZ NOZ VEL REDUCED RATE PUMP PRESS PSI SPM

DEPTHS & INCLINATIONS

SOLIDS CONTROL EQPT. USED

MUD USED

FT. DEG. SHALE SHAKER(S) HRS.
 FT. DEG. DESANDER HRS.
 FT. DEG. DESILTER/MUD CLEANER HRS.
 CENTRIFUGE HRS.

BOP/PT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

DISTRIBUTION:

DISTRICT
FOREMANWHITE — DIST. FILE
WHITE — DIST. OFFICECANARY — REGION FILE
CANARY — RIGPINK — DIST. EXPL.
PINK — FOREMAN FILE

011-5014 (REV 8/90)

GWS #102

COASTAL OIL & GAS
MORNING REPORT

DATE 11-18-94

LEASE & WELL Ellsworth 1-20-84 DRILLING FOREMAN Bob Lewis DAYS SINCE RELIEVED 3
FIELD/PROSPECT Alhambra/Bluebell COUNTY Duchesne STATE Utah
DISTRICT Denver REPORT TAKEN BY: [Signature] SPUD DATE: DAYS SINCE SPURRED
T.D. FT. DRILG. PROGRESS FT. IN HRS. CSG @ PBD FT.

ACTIVITY @ REPORT TIME Working Over 1-18-84

HOURS

ACTIVITY LAST 24 HOURS

8:00 a.m. - 8:00 a.m.

CODE
NO.

DRILLING/COMPLETION COSTS

ITEM

COST

DAILY

CUMULATIVE

7 AM	HANCE OFF Rosis				
	* (Alhambra bolt on head of	110	ROADS & LOCATIONS		
	Pump Jack busted, Replace	120-125	CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP. WO	738.50	41228.50
	Busted bolt and Realign	130	MUD & CHEMICALS		
	head. Main Power box	135-136	CEMENTING SERVICE & FLOAT EQUIPMENT		
	Circuit breaker not switching	140	ELECTRIC LOGGING (OPEN HOLE)		
	On & off from outside of	141	CORING, DST, FMT		
	box correctly.	142	MUD LOGGING		
		145	FISHING TOOLS & SERVICES		
	Check stroke off	146	WATER	0	416.00
	Pumping Unit	146	FUEL		
		146	BITS		
	R.D. service unit	147	EQUIPMENT RENTALS	0	1488.25
	and Return Well to prod.	175	TRUCKING		733.00
		181	BHP, GOR, POTENTIAL TESTS		
	Road Rig from 1-20-84	183	PERF. AND Cased HOLE LOGS		
	to 1-18-84	184	ACIDIZING, FRACTURING, ETC.		
			MISC. LABOR & SERVICES		
11 30 AM		190	SUPERVISION	0	700.00
			TOTAL INTANGIBLES		
	TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)	200	TOTAL TANGIBLES (CSG, ETC.)	0	16051.25
			TOTAL COSTS	738.50	14298.32

+ 5% = 7

DRILLING MUD PROPERTIES

WT. (#/GAL) VIS (SEC) F.L. 100# (cc) HIGH TEMP. F.L. @ 300 PSI P.V. (CP) Y.P. (LB/100 FT)
% OIL % LCM % SOLIDS ES/pH ALK. P Ex. Lm. CL (PPM)
OWR/Ca GELS (LB/100 FT) 0" 10" CAKE (32 ND") MBT LB/BBL

PUMP DATA:

NO. 1: MODEL LINER SIZE X SPM GPM PUMP PRESS
NO. 2: MODEL LINER SIZE X SPM GPM PUMP PRESS

DRILLING STRING:

D.P. SIZE & TYPE D.C. THD NO. D.C. LENGTH O.D. I.D.
EFF. WT. OF D.C. BHA

BIT RECORD:

BIT NO.	SIZE	MFG.	TYPE	SERIAL NO.	JETS 32nd			DEPTH OUT	TOTAL THIS BIT			CUM. HRS.	COND. DULL		
					1	2	3		FEET	HRS.	FT./HR.		T	B	G

WT. ON BIT .000# R.P.M. ANN. VEL.: DP DC SURF. HHP
BIT H.P. % HHP THRU BIT NOZ NOZ. VEL. REDUCED RATE PUMP PRESS PSI @ SPM

DEPTHS & INCLINATIONS

SOLIDS CONTROL EQPT. USED

MUD USED

FT. DEG. SHALE SHAKER(S) HRS.
FT. DEG. DESANDER HRS.
FT. DEG. DESILTER/MUD CLEANER HRS.
CENTRIFUGE HRS.

BOP/PIT DRILL: TIME OF DAY REACTION TIME MIN. W/ FT. DOWN ON KELLY

NOTE: USE REVERSE SIDE OF WHITE COPY FOR CASING/TUBING DETAIL

DISTRIBUTION:

DISTRICT
FOREMANWHITE - DIST. FILE
WHITE - DIST. OFFICECANARY - REGION FILE
CANARY - RIGPINK - DIST. EXPL.
PINK - FOREMAN FILE

011-5014 (REV. 6/90)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages:

See Attached

QQ, Sec., T., R., M.:

See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

Date of work completion

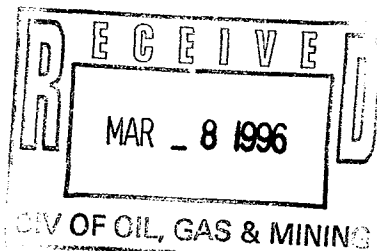
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company



13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Brotherson 1-33A4	43-013-30272	Patented 1680	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
Brotherson 2-10B4	43-013-30443	Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 10450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31302	Fee 11342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee 11235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 1810	N/A	N/A	2382' FNL & 2157' FWL	SENE, 10-2S-3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1691	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
→ Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19-2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSE, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-31024 30124	Patented 1645	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 1600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee 11177	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee 9600	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2390	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1646	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043	Fee 10205	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee 1839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
Iorg 2-10B3	43-013-31388	Fee 11482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee 11378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee 1845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 11452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 11374	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *64*

1	REC-7-57
2	DTS 8-FILE
3	VLD
4	RTD
5	EC
6	FILM

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator)	<u>COASTAL OIL & GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<u>phone (303) 572-1121</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0230 (B)</u>		<u>account no. N 0675</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30351</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Rec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- Rec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Rec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- Rec* 6. Cardex file has been updated for each well listed above.
- Rec* 7. Well file labels have been updated for each well listed above.
- Rec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- Rec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated 19 . *(Same Bond as Coastal)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/60311 This change involves Fee lease / non C.A. wells ~~not~~ State lease wells.
C.A. & Indian lease wells will be handled on separate change.

9/60412 BLM / SL Appr. C.A.'s 4-11-96.

9/60820 BIA Appr. CA's 8-16-96.

9/60329 BIA Appr. Indian Lease wells 3-26-96.

WE71/34-35

*9/61107 Lemicy 2-5B2/43-013-30784 under review at this time; no chg. yet!

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

8. Well Name and Number:

Ellsworth #1-20B4

9. API Well Number:

43-013-30351

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages: 1744' FNL & 1342' FEL

County: Duchesne

QQ, Sec., T., R., M.: SW/NE Section 20-T2S-R4W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other squeeze csg and repair rod part | |

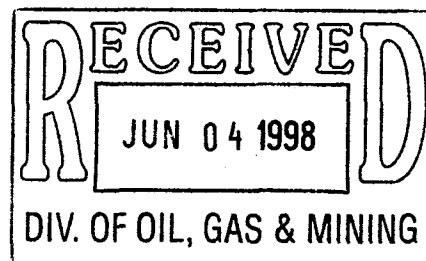
Date of work completion 4/22/98

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13.

Name & Signature:

Sheila Bremer

Title Environmental & Safety Analyst

Date

06/02/98

(This space for State use only)

3/31-4/22/98 **Rod prt or Bad pmp.** MIRU. Pull into rods, not parted. Pulled to unseat pmp. Rods parted @ 250' bottom of 9th 1" rd. Jumped pin, RIH w/ Obannon OS w/ 2" grapple, latch fish, try to unseat pmp. Acted like pmp came off seat. Made approx 10' of hole. Beating up on pmp, broke linkage on rig brakes. Try to work pmp off seat, could not rig up, back off tool back @ 5300'. POOH w/ rods. Try to rls TAC @ 10,655'. Rig up swvl work tbg w/ 10 round torque f/ 0# to 120, no movement. POOH w/ tbg back to rods. Finally got all rods. Btm 2 jts full of mud. PBGA plugged, couldn't pmp out @ 1500#. PU & LD PBGA. LD 7" TAC. PU 7" pkr & ret, BP. RIH w/ tbg. Stack out w/ EOT @ 7631'. POOH w/ tbg Ld pkr & plug close well in for day. PU RIH w/ 6-1/8" swedge, tag bad spot @ 7651', work swedge thru bad spot, did not get better. POOH. RU Cutter RIH w/ CL log & log bad spot. POOH could see nothing. RIH w/ 7" CIBP set @ 9670'. PU & RIH w/ 7" HD pkr set @ 7683', test plug to 1000#, OK. POOH to 7621', reset pkr, test csg to 1000#, OK. POOH to 7434', reset pkr call Howco f/ cmt. MIRU Howco pmp 200sx squeeze to 1700#. POOH. Reset pkr pres up to 200#. Top of cmt @ 7625'. 4 sx in csg, 196 sx out in fm, WOC, rel 7" pkr, TOO H tbg & pkr, PU & RIH w/ 6 1/8" rock bit, 4 DC, on 2 7/8" tbg, tag cmt @ 7,463', drlg cmt to 7,619', circ hole clean, TOO H w/ 1 jnt, WOC, RIH w/ 6 1/8" bit, tag @ 7,619', drlg to 7,672', fell out of cmt, circ hole clean, PT to 500 psig, lost 300 psig in 15 min, RIH & tag @ 9,655', circ fill off & drill out CIBP @ 9,670', EOT @ 9,690', SDFN. RIH w/ bit & tbg, tag LT @ 10,702', drlg CIBP for 4 hrs, TOO H w/ tbg & bit, LD DC & jars, SDFN. RIH w/ 4 1/8" mill & tbg, tag tight spot @ 7,861', tag LT @ 10,702', mill on CIBP, fell through, RIH to 10,717', TOO H to 10,650', SDFN. RIH w/ 4 1/8" mill & tbg, Tag @ 12,100', mill to 12,110' in 7 hrs, TOO H w/ mill & tbg, EOT @ 2,300'. POOH w/ COT. Work thru junk @ 12,110'. To 12,200'. MIRU Cutter's WLS. RIH & set 5" x 18# CIBP @ 10,718', dump sand, sand top @ 10,702'. RD Cuttrr's. RIH 2-7/8" prod tbg w/ perf'd jt & solid plug on the btm. POOH & LD 97 jts 2-7/8" tbg. RIH & re-torque all rod breaks. POOH w/ 121 1" rods. RIH w/ 3/4" & 7/8" rods. RDMO.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	5. Lease Designation and Serial Number: Patented
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1744' FNL & 1342' FEL QQ, Sec., T., R., M.: SW/NE Section 20-T2S-R4W	8. Well Name and Number: Ellsworth #1-20B4
	9. API Well Number: 43-013-30351
	10. Field and Pool, or Wildcat: Altamont
	County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other repair csg leak and rod part | |

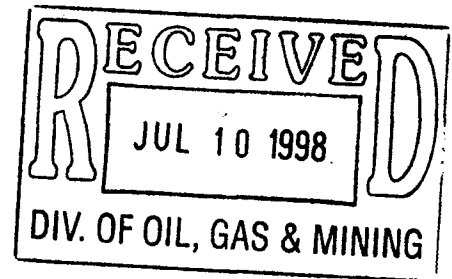
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological well history for work performed on the subject well.



13.

Name & Signature: _____

Sheila Bremer

Title Environmental & Safety Analyst

Date

07/08/98

(This space for State use only)

3/17-26/98 **Casing Leak.** MIRU. RD pmping unit. Unseat pmp, flush rods, reseal pmp, PT to 1000#, OK. POOH w/ rods & 1-1/2" CE pmp. RU tbg equip, NDWH, NUBOP. Rls 7" AC @ 10,673'. POOH w/ 200 jts 2-7/8" tbg. POOH w/ 139 jts 2-7/8" tbg, LD BHA & 7" AC. PU 7" RBP & pkr, RIH w/ same & 339 jts tbg. Set RBP @ 10,581' & 7" pkr @ 10,551'. Test tbg to 1000#, OK. Test csg to 1000#, dropped to 0# in 2 min. POOH w/ 7" pkr to 6994', test csg patch @ 6609' & cmt sqz @ 6937' to 1000#, OK. After several pkr settings, est leak in csg between 7617' - 7648' (SLM) w/ injection rate of 1 BPM @ 800#. Tbg on vac. Cgs standing full. Rls 7" pkr @ 7617'. POOH w/ 244 jts 2-7/8" tbg, 7" pkr & ret head. RU Cutter's WLS. Spot 2 sks sand on 7" RBP @ 10,581' w/ dump bailer, RD. Same. RIH w/ 246 jts tbg. EOT @ 7668'. Prep for sqz. RU Haliburton, inj 6 bbls FW into leak, inj rate 1/2 BPM @ 1000#. Spot balance cmt plug f/ 7175' - 7668'. Sqz leaks between 7617' - 7648' w/ 100 sx Class "H" cmt, yield 1.06, comp strength 2000# in 24 hrs. Est 1200# sqz w/ 16 sx into formation & remaining 84 sx in csg. Cmt top @ 7214'. RIH w/ 6-1/8" drag bit, tag cmt @ 7129'. DO cmt from 7219' to 7420'. Cont DO cmt f/ 7420' - 7639'. Circ clean. Test squeeze to 1000# for 10 min, OK. RD power swivel & strip head. RIH & circ 10' sand off 7" RBP @ 10,581'. POOH w/ 339 jts tbg & 6-1/8" drag bit. RIH w/ ret head & 200 jts tbg. Rls 7" RBP @ 10,581'. POOH w/ 339 jts 2-7/8" tbg & 7" RBP. RU Delsco, RIH w/ 4" guage ring, Tag fill @ 10,982', POOH & RD. RIH w/ mill & CO tools. Work thur 3 bridges from 10,982' - 12,522'. Solid fill @ 12,522', CO to 12,575'. Appeared to have something on top of mill. Pull out of 5" liner & let scale fall to bottom. RIH & tag @ 12,555', CO to 12,561'. CO tool would not stroke. POOH w/ 268 jts 2-7/8" tbg, LD 70 jts 2-3/8" tbg. CO ASSY & 4-1/8" mill, BTM 2 jts plugged w/ scale & frac balls. RIH w/ 7" AC, BHA & 339 jts 2-7/8" tbg. Set 7" AC @ 10,655', SN @ 10,544'. NDBOP. NUWH. RD equip. Flush tbg. RIH w/ 1-1/2" CE pmp & rds. PU polish rd, seat pmp. Test to 1000#, OK. Hang well on.

TC: \$ 49,123

3/31-4/22/98 **Rod prt or Bad pmp.** MIRU. Pull into rods, not parted. Pulled to unseat pmp. Rods parted @ 250' bottom of 9th 1" rd. Jumped pin, RIH w/ Obannon OS w/ 2" grapple, latch fish, try to unseat pmp. Acted like pmp came off seat. Made approx 10' of hole. Beating up on pmp, broke linkage on rig brakes. Try to work pmp off seat, could not rig up, back off tool back @ 5300'. POOH w/ rods. Try to rls TAC @ 10,655'. Rig up swvl work tbg w/ 10 round torque f/ 0# to 120, no movement. POOH w/ tbg back to rods. Finally got all rods. Btm 2 jts full of mud. PBGA plugged, couldn't pmp out @ 1500#. PU & LD PBGA. LD 7" TAC. PU 7" pkr & ret, BP. RIH w/ tbg. Stack out w/ EOT @ 7631'. POOH w/ tbg Ld pkr & plug close well in for day. PU RIH w/ 6-1/8" swedge, tag bad spot @ 7651', work swedge thru bad spot, did not get better. POOH. RU Cutter RIH w/ CL log & log bad spot. POOH could see nothing. RIH w/ 7" CIBP set @ 9670'. PU & RIH w/ 7" HD pkr set @ 7683', test plug to 1000#, OK. POOH to 7621', reset pkr, test csg to 1000#, OK. POOH to 7434', reset pkr call Howco f/ cmt. MIRU Howco pmp 200sx squeeze to 1700#. POOH. Reset pkr pres up to 200#. Top of cmt @ 7625'. 4 sx in csg, 196 sx out in fm, WOC, rel 7" pkr, TOOHH tbg & pkr, PU & RIH w/ 6 1/8" rock bit, 4 DC, on 2 7/8" tbg, tag cmt @ 7,463', drlg cmt to 7,619', circ hole clean, TOOHH w/ 1 jnt, WOC, RIH w/ 6 1/8" bit, tag @ 7,619', drlg to 7,672', fell out of cmt, circ hole clean, PT to 500 psig, lost 300 psig in 15 min, RIH & tag @ 9,655', circ fill off & drill out CIBP @ 9,670', EOT @ 9,690', SDFN. RIH w/ bit & tbg, tag LT @ 10,702', drlg CIBP for 4 hrs, TOOHH w/ tbg & bit, LD DC & jars, SDFN. RIH w/ 4 1/8" mill & tbg, tag tight spot @ 7,861', tag LT @ 10,702', mill on CIBP, fell through, RIH to 10,717', TOOHH to 10,650', SDFN. RIH w/ 4 1/8" mill & tbg, Tag @ 12,100', mill to 12,110' in 7 hrs, TOOHH w/ mill & tbg, EOT @ 2,300'. POOH w/ COT. Work thru junk @ 12,110'. To 12,200'. MIRU Cutter's WLS. RIH & set 5" x 18# CIBP @ 10,718', dump sand, sand top @ 10,702'. RD Cuttrr's. RIH 2-7/8" prod tbg w/ perf'd jt & solid plug on the btm. POOH & LD 97 jts 2-7/8" tbg. RIH & re-torque all rod breaks. POOH w/ 121 1" rods. RIH w/ 3/4" & 7/8" rods. RDMO.

CHARGE TO PREVIOUS WORKOVER.

TC: \$ 95,846

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

PHONE NUMBER:

368 South 1200 East CITY Vernal STATE Utah ZIP 84078

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW		5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BABCOCK 2-12B4 (CA 96-43)	43-013-31005	10215	12-02S-04W	FEE	OW	P
MYRIN RANCH 1-13B4 (CA 96-60)	43-013-30180	1775	13-02S-04W	FEE	OW	S
LAKE FORK 2-13B4 (CA 96-60)	43-013-31134	10452	13-02S-04W	FEE	OW	P
BROTHERSON 1-14B4	43-013-30051	1535	14-02S-04W	FEE	OW	P
BROTHERSON 2-14B4	43-013-30815	10450	14-02S-04W	FEE	OW	P
BROTHERSON 2-15B4	43-013-31103	1771	15-02S-04W	FEE	OW	P
LAKE FORK 3-15B4	43-013-31358	11378	15-02S-04W	FEE	OW	P
ELLSWORTH 1-16B4 (CA 96-59)	43-013-30192	1735	16-02S-04W	FEE	OW	P
ELLSWORTH 2-16B4 (CA 96-59)	43-013-31046	10217	16-02S-04W	FEE	OW	P
ELLSWORTH 1-17B4	43-013-30126	1695	17-02S-04W	FEE	OW	P
ELLSWORTH 2-17B4	43-013-31089	1696	17-02S-04W	FEE	OW	P
BLEAZARD 1-18B4	43-013-30059	1565	18-02S-04W	FEE	OW	S
BLEAZARD 2-18B4	43-013-31025	1566	18-02S-04W	FEE	OW	P
ELLSWORTH 1-19B4	43-013-30183	1760	19-02S-04W	FEE	OW	P
ELLSWORTH 2-19B4	43-013-31105	1761	19-02S-04W	FEE	OW	P
ELLSWORTH 1-20B4	43-013-30351	1900	20-02S-04W	FEE	OW	S
ELLSWORTH 2-20B4	43-013-31090	1902	20-02S-04W	FEE	OW	S
ELLSWORTH 3-20B4	43-013-31389	11488	20-02S-04W	FEE	OW	P
HUNT 1-21B4	43-013-30214	1840	21-02S-04W	FEE	OW	P
HUNT 2-21B4	43-013-31114	1839	21-02S-04W	FEE	OW	S

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/05/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8-15-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 291-6400		8. WELL NAME and NUMBER: Ellsworth 1-20B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1744' FNL, 1342' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 20 2S 4W		9. API NUMBER: 4301330351
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR REQUESTS AUTHORIZATION TO PLUG & ABANDON THE ABOVE REFERENCED WELL IN ACCORDANCE WITH THE ATTACHED PROCEDURES.

NAME (PLEASE PRINT) JENNIFER T BECHTEL

TITLE ASSOCIATE ANALYST

SIGNATURE

DATE 3/16/2007

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

RECEIVED

MAR 19 2007

(5/2000)

DATE: 3/29/07

BY: [Signature]

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

*Recommendations of Approval (Attached)



PLUG AND ABANDONMENT PROGNOSIS

WELL NAME: ELLSWORTH 1-20B4
API #: 4301330351
SEC 20-T2S-R4W
DUCHESNE COUNTY, UT

WELL DATA:

ELEVATIONS: GL 6,408' KB 6,436'
FORMATION TOPS: GREEN RIVER 652 @ 6,687', TGR3 9,147', WASATCH @ 10,720'
BHST: 222°F @ 12,757'
DRILL DEPTH: 12,762'
PBTD: 12,667' FILL @ 12,696'
HOLE/CASING SIZES:

17-1/2" hole	13-3/8" 68# @ 310' with 377 sxs cement
12-1/4" hole	9-5/8" 36# K-55 @ 6,416' with 425 sxs cement
8-3/4" hole	7" 26# S-95 @ 10,899' with 256 sxs cement
	CBL TOC @ 9,548' 4/75, 6,609-surface 2/94
6" hole	5" 18# JL-95 @ 12,761' with 340 sxs cement
	5" 18# JL-95 TOL @ 10,702'

TUBING SIZES:

2-7/8" 6.5# N-80 @ 7,581'

PERFS: 4/78: 10,722-12,588'

PACKERS & PLUGS:

CIBP 5" @ 10,718 TOS 10,702' 4/98

TIGHT SPOTS @

6,931', 7,651', 7,861'

SI WELL 4/98, PRESENTLY CYCLING GAS.

CEMENT DESIGN: Class G Cement, 15.8 ppg, 1.15 FT³/SX. Displace with corrosion inhibited produced water.

ABANDONMENT PROGNOSIS:

1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.

2. MIRUPU. Blow well down to tank, kill w/ CTPW and remove wellhead equipment. NU BOPE.
3. TOO H W/ rods (no pump)
4. Tally out of hole and rabbit 2 7/8" TBG. NOTE TIGHT SPOTS @ 6,937', 7,651', 7,861'. TIH w/ 6" bit & PU 3,111' 2 7/8" TBG. Tag top of sand/CIBP @ 10,702'. Fill and roll hole w/ corrosion inhibited produced water. (The above mentioned tight spots have been passed w/ a 7" CIBP to 9,670' (4-07-98), 7" HD PKR to 7,683' (4-07-98), and a 6 1/8" bit to 10,702' 4/14/98. However, on 4-15-98 a 4 1/8" mill tagged a tight spot @ 7,651' and worked through to 10,702'.)
5. Plug #1, spot 150' plug above TOL/CIBP from 10,550-10,700' w/ 30 sx class G cement.
6. Plug #2, spot 100' plug above top of Green River TGR3 @ 9,050-9,150' w/ 20 sx class G.
7. Plug #3, spot 100' stabilizer plug @ casing leak #4, 7,500-7,600' w/ 20 sx class G.
8. Plug #4, spot 100' plug on top of Green River 652 from 6,575-6,675' w/ 20 sx class G.
9. Plug #5, spot 125' plug inside 7" across 9 5/8" shoe from 6,350-6,475' w/ 25 sx class G.
10. Plug #6, spot 100' stabilizer plug @ 3,625-3,725' w/ 20 sx class G.
11. Plug #7, TIH w/ 7" CICR to 1,000'. Spot 10 sxs Class G on top.
12. Plug #8, spot 100' surface plug @ 0-100' w/ 20 sx Class G. Cement surface annulus via 1" tubing if necessary.
13. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
14. Restore location.

SURFACE 13 3/8" 68# 377 SX 310'
SQ 13 3/8" X 9 5/8" W/ 200 SX

HOLE SIZE	PIPE SIZE	WEIGHT	SET DEPTH
17 1/2"	13 3/8"	68#	310'
12.25"	9.625"	36#	K-55 6416'
8.75"	7"	26#	S-95 10899'
6"	5"	18#	JL-95 12761'
TOL	5"	18"	JL-95 10702'

SURFACE 9.625" 36# 6416' 425 SX

7" CSG PATCH @ 6609' CMT TO SURFACE 2/94 TIGHT SPOT @ 6610'

GR 652 @ 6687'

TIGHT SPOT @ 6931' & 5/84'

CSG PART #2 @ 6937' 5/84'

EOT @ 7591'

CSG REPAIR #3 @ 7617'-7648' SQ 100 SX PT 1000# 3/96

CSG REPAIR #4 7631'-7672' SQ W/ 200 SX PT 500# LOST 300# 15 MIN 4/98

TIGHT SPOTS @ 7651' & 7661' 4/98

TGR3 9147'

TOC 9548' CBL 4/75

M1 10556'

TOL 5" 18# 10702'

3" CIBP @ 10718' W/ TOP OF SAND @ 10702' 4/21/98

INTERMEDIATE 7" 26# 10899' 241 SX

WASATCH 10720'

PERFS 10722'-12573' 4/78

PERFS 10742'-11719' 11/75

PERFS 11750'-12666' 4/75

PERFS 10722'-12588'

PERFORATIONS		
PERFS	10722'-12573'	4/78
PERFS	10742'-11719'	11/75
PERFS	11750'-12666'	4/75
PERFS	10722'-12588'	

FILL @ 12596'

ORIGINAL PBTD 12667'

LINER 5" 18# 12761' 340 SX

TD 12762'

NOTE: NOT TO SCALE

TBG DETAIL 4/96

2 7/8" N-80 SRD TBG

SN @ 7559'

PBGA @ 7561'

EOT @ 7591'

ROD DETAIL 4/96

1-1"

116-7/8"

166-3/4"

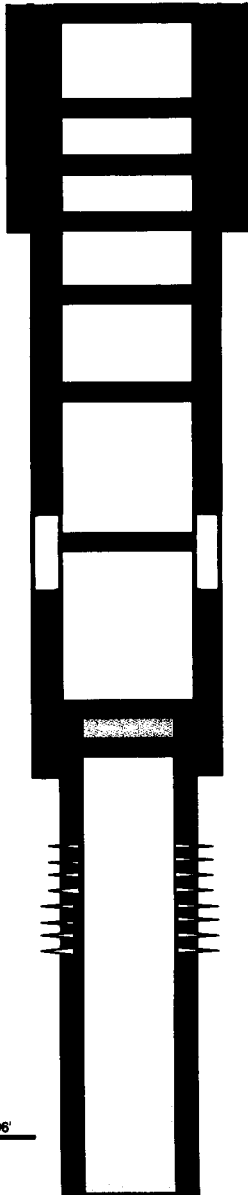
5-1" SUBS

1-8" SUBS

2-4" SUBS

2-2" SUBS

ELLSWORTH 1-20B4
PROPOSED P&A



PLUG #8 0'-100' W/ 20 SX CLASS G

SURFACE 13 3/8" 68# 377 SX 310'
SQ 13 3/8" X 9 5/8" W/ 200 SX

PLUG #7 CICR @ 1000' W/ 10 SX ON TOP

PLUG #6 3625'-3725' W/ 20 SX CLASS G

SURFACE 9.625" 36# 6416' 425 SX
PLUG #5 6350'-6475' W/ 25 SX CLASS G

PLUG #4 6575'-6675" W/ 20 SX CLASS G

7" CSG PATCH @ 6609' CMT TO SURFACE 2/54 TIGHT SPOT @ 6610'

GR 652 @ 6687'

TIGHT SPOTS @ 6831' & 5/54

CSG PARY #2 @ 6937' 5/54

PLUG #3 7500'-7600' W/ 20 SX CLASS G

EOT @ 7591'

CSG REPAIR #3 @ 7617'-7646' SQ 100 SX PT 1000# 3/98

CSG REPAIR #4 7631'-7672' SQ W/ 200 SX PT 500# LOST 300# 15 MIN 4/98

TIGHT SPOTS @ 7651' & 7661' 4/98

PLUG #2 9050'-9150' W/ 20 SX CLASS G

TGR3 9147'

TOC 9648' CBL 4/75

M1 10556'

PLUG #1 10550'-10700' W/ 30 SX CLASS G

TOL 5" 18# 10702'

5" CIBP @ 10718' W/ TOP OF SAND @ 10702' 4/21/88

INTERMEDIATE 7" 26# 10699' 241 SX

WASATCH 10720'

PERFS 10722'-12573' 4/78

PERFS 10742'-11719' 11/75

PERFS 11750'-12666' 4/75

PERFS 10722'-12588

ORIGINAL PBTD 12667'

LINER 5" 18# 12761' 340 SX

TD 12762'

HOLE SIZE	PIPE SIZE	WEIGHT	SET DEPTH
17 1/2"	13 3/8"	68#	310'
12.25"	9.625"	36#	K-55 6416'
8.75"	7"	26#	S-95 10699'
6"	5"	18#	JL-95 12761'
TOL	5"	18"	JL-95 10702'

PERFORATIONS		
PERFS	10722'-12573'	4/78
PERFS	10742'-11719'	11/75
PERFS	11750'-12666'	4/75
PERFS	10722'-12588'	

FILL @ 12596'

NOTE: NOT TO SCALE

TBG DETAIL 4/98
2 7/8" N-80 8RD TBG
SN @ 7559'
PBGA @ 7561'
EOT @ 7591'

ROD DETAIL 4/98
1-1"
116-7/8"
166-3/4"
5-1" SUBS
1-8" SUBS
2-4" SUBS
2-2" SUBS



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

***CONDITIONS OF APPROVAL
TO PLUG AND ABANDON WELL***

Well Name and Number: Ellsworth 1-20B4

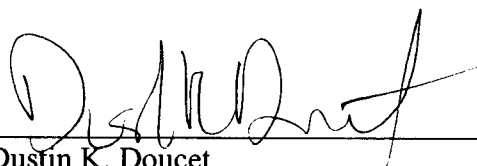
API Number: 43-013-30351

Operator: El Paso E&P Company, L.P.

Reference Document: Original Sundry Notice dated March 16, 2007,
received by DOGM on March 19, 2007.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
3. Balance plugs shall be tagged to ensure they are at the depths specified in the proposal.
4. All annuli shall be cemented from a minimum depth of 100' to the surface.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.



Dustin K. Doucet
Petroleum Engineer

March 29, 2007
Date

Wellbore Diagram

API Well No: 43-013-30351-00-00 Permit No:

Well Name/No: ELLSWORTH 1-20B4

Company Name: EL PASO E&P COMPANY, LP

Location: Sec: 20 T: 2S R: 4W Spot: SWNE

Coordinates: X: 554842 Y: 4460556

Field Name: ALTAMONT

County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (cf/ft)
HOL1	310	17.5			
SURF	310	13.325	68	310	1.190
HOL2	6416	12.25			
I1	6416	9.625	36	6416	2.304
HOL3	10899	8.75			
I2	10899	7	26	10899	4.655
HOL4	12761	6			
L1	12761	5	18	2059	10.028

Plug #8 (Step #12)
 $2059 = 107' \checkmark$
 o.k.

Cement from 310 ft. to surface (100' to surface)
 Hole: 17.5 in. @ 310 ft.
 Cement from 6416 ft. to surface
 Surface: 13.325 in. @ 310 ft.

Plug #7 (Step #11)

$(1059)(1.15)(4.655) = 53' \checkmark$
 o.k.
 1000' to 950'

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	6416	0	LT	205
I1	6416	0	G	420
I2	10899	9548	LT	74
I2	10899	9548	G	167
I2	6609	0	LT	74
I2	6609	0	G	167
L1	12761	10702	G	340
SURF	310	0	G	377

Plug #6 (Step #10)

$2059 = 107' \checkmark$
 o.k.
 3625' to 3725' ± Bmscw

4200' ± Bmscw

Hole: 12.25 in. @ 6416 ft.

Cement from 6609 ft. to surface

Intermediate: 9.625 in. @ 6416 ft.

Plug #5 (Step #9)

$(859)(1.15)(4.655) = 46' \checkmark$
 o.k.

6350' to 6416' ± Bmscw

Plug #4 (Step #8)

$2059 = 107' \checkmark$
 o.k.

6575' to 6675' ± Bmscw

Plug #3 (Step #7)

$2059 = 107' \checkmark$
 o.k.

7500' to 7600' ± Bmscw

Plug #2 (Step #6)

$(2059)(1.15)(4.655) = 107' \checkmark$
 o.k.

9050' to 9150' ± Bmscw

9110' LGR

Hole: 8.75 in. @ 10899 ft.

Liner from 12761 ft. to 10702 ft.

Intermediate: 7 in. @ 10899 ft.

10788 WSTC

Plug #1 (Step #5)

$(3059)(1.15)(4.655) = 160' \checkmark$
 o.k.

10550' to 10700' ± Bmscw

Hole: 6 in. @ 12761 ft.

Hole: Unknown

12666

TD: 12762 TVD: PBTD:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1744' FNL, 1342' FEL		8. WELL NAME and NUMBER: Ellsworth 1-20B4
5. PHONE NUMBER: (303) 291-6400		9. API NUMBER: 4301330351
6. FIELD AND POOL, OR WILDCAT: ALTAMONT		10. FIELD AND POOL, OR WILDCAT: ALTAMONT

FOOTAGES AT SURFACE: 1744' FNL, 1342' FEL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 20 2S 4W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/16/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR PLUGGED AND ABANDONED THE SUBJECT WELL AS FOLLOWS:

TOOH W/ RODS AND 2-7/8" TBG.

PLUG #1: TAG CIRC @ 10703'. SPOT 70 SX CLASS G CMT 10669' - 10519'.

PLUG #2: CUT TBG @ 9650'. SPOT 50 SX CLASS G CMT 9620' - 9330'.

PLUG #3: SPOT 25 SX CLASS G CMT 9155' - 8995'.

PLUG #4: SPOT 25 SX CLASS G CMT 7600' - 7477'.

PLUG #5: SPOT 80 SX CLASS G CMT 6670' - 6314'.

PLUG #6: SPOT 50 SX CLASS G CMT 3724' - 3615'.

PLUG #7: SET CIRC @ 999'. SPOT 10 SX CLASS G CMT ON TOP 999' - 945'.

PLUG #8: SPOT 25 SX CLASS G CMT FROM 100' TO SURFACE.

CUT OFF WELLHEAD AND TOP OFF ANNULUS W/ 85 SX CLASS G CMT. WELD ON INFO PLATE.

WELL P&A ON 7/16/2007. PLUGGING WITNESSED BY DAVE HACKFORD, DOGM.

NAME (PLEASE PRINT) <u>LISA PRETZ</u>	TITLE <u>ENGINEERING TECH</u>
SIGNATURE 	DATE <u>7/20/2007</u>

(This space for State use only)

RECEIVED

JUL 31 2007

January 28, 2008

To: Rhonda Edds
From: Jamie Patton
303-291-6465

43 013 30351
25 4W 20

RE: Surface Damage Releases

Hi Rhonda-

Attached please find signed and recorded Surface Damage Releases for the following wells. Please process so these wells can be released from our bond. Thank you!

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Cedar Rim 14- signed by Cindy L. Brown-Stybe

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Saleratus Wash 1-7C5- signed by Owl & The Hawk, L.C.

Smith 1-6C5- signed by Owl & The Hawk, L.C.

RECEIVED

MAY 11 2011

DIV. OF OIL, GAS & MINING

Ent 401511 Bk A526 Pg 291
Date: 02-JAN-2008 10:31AM
Fee: \$10.00 Check
Filed By: CRY
CAROLYNE MADSEN, Recorder
DUCESNE COUNTY CORPORATION
For: TRANSCONTINENT OIL CO

SURFACE DAMAGE RELEASE

This Surface Damage Release is made and entered into as of this 3rd day of December, 2007, by Liz Rankin, sole Trustee under the CHEZLIZ LIVING TRUST, dated December 16, 1997, 2613 Gilmary, Las Vegas, NV 89102, hereinafter referred to as Surface Owner.

WITNESSETH

WHEREAS, El Paso E&P Company L.P. of 1001 Louisiana St., Houston, TX 77002 ("El Paso") is the operator of record of the following well, to wit:

Field/Unit : Altamont
Well Name : Ellsworth 1-20B4 (API No. 43-013-30351-00-00)
Location : T2S-R4W, Section 20: SW/4NE/4
County/State : Duchesne County, Utah

(The "well") and;

WHEREAS, on or about July 18, 2007, the well was plugged and abandoned in accordance with the rules and regulations of the State of Utah, Utah Oil, Gas & Mining Division; and surface equipment belonging to El Paso has been removed from the well location, and;

WHEREAS, the surface has been restored as near as practicable to its original location and in accordance with the rules and regulations of the State of Utah;

WHEREAS, El Paso and Surface Owner desire to resolve all restoration issues.

NOW, THEREFORE, the consideration paid by Lessee of Ten Dollars (\$10.00) and other valuable consideration in hand paid, the receipt of which is hereby acknowledged, to the Surface Owner at the time of delivery of this Release is accepted by Surface Owner as full and final payment, settlement, and discharge of all claims of whatever nature, kind and character which Surface Owner may have against Lessee and any of the parties described above. Surface Owner does hereby release and forever discharge El Paso, its agents, contractors, officers and employees, from any and all claims, demands and causes of action of whatsoever kind or nature.

It is agreed that, if an environmental issue arises associated with the said well, El Paso will indemnify and hold the undersigned harmless against any and all loss, damage, liability, cost or expense.

Executed as to the date first written above.

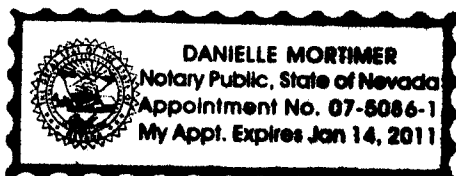
By: [Signature]
Liz Rankin, sole Trustee under the
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STATE OF ~~UTAH~~ ^{Nevada} §
COUNTY OF ~~DUCESNE~~ ^{Clark} § ss.

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Witness my hand and official seal.

[Signature]
Notary Public

My Commission expires:



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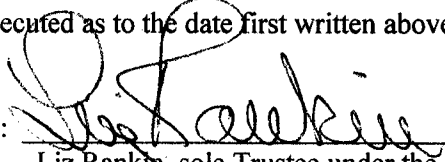
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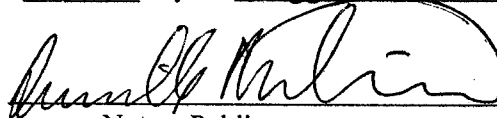
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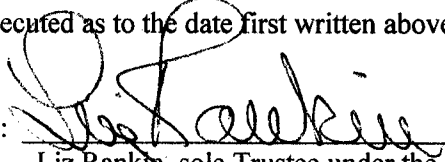
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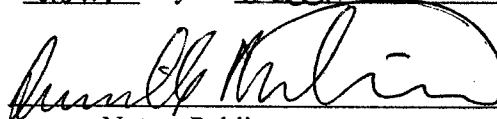
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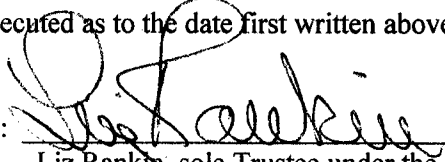
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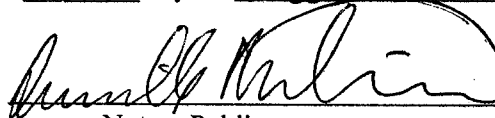
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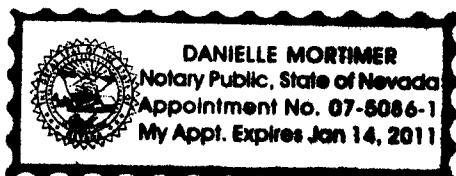
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Notary Public

My Commission expires:



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):

N3065- El Paso E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

TO: (New Operator):

N3850- EP Energy E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
See Attached

2. NAME OF OPERATOR:

El Paso E&P Company, L.P.

Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR:

1001 Louisiana

CITY **Houston**

STATE

ZIP 77002

PHONE NUMBER:

(713) 997-5038

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **See Attached**

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA


TYPE OF SUBMISSION		TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <hr/>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Change of</u> <div style="text-align: right;">Name/Operator</div>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <hr/>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Fallert
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(5/2009)

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medim

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSKY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MC FARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSKY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	